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The SPECTER GENERAL BY THEODORE R. COGSWELL

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Bob G

Contents

Novellettes

THE SPECTER GENERAL	Theodore R. Cogswell	2
BLOOD BANK	Walter M. Miller, Jr.	30
BLUFF-STAINED TRANSACTION	H. B. Fyfe	56

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THE SPECTER GENERAL

By THEODORE R. COGSWELL

Normally, a colony is a fairly balanced miniature of its civilization, and acts pretty much like the civilization. But some most peculiar results can come from an isolated military base!

CHAPTER I.

"SERGEANT DIXON!"

Kurt stiffened. He knew *that* voice. Dropping the handles of the wooden plow, he gave a quick "rest" to the private and a polite "by your leave, sir" to the lieutenant who were yoked together in double harness. They both sank gratefully to the ground as Kurt advanced to meet the approaching officer.

Marcus Harris, the commander of the 427th Light Maintenance Battalion of the Imperial Space Marines, was an imposing figure. The three silver eagle feathers of a full colonel rose proudly from his war bonnet and the bright red of the flaming comet insignia of the Space Marines that was painted on his chest stood out sharply against his sun-blackened, leathery skin. As Kurt snapped to attention before him and saluted, the colonel surveyed the fresh turned earth with an experienced eye.

"You plow a straight furrow, soldier!" His voice was hard and metallic but it seemed to Kurt that there was a concealed glimmer of approval in his flinty eyes. Dixon flushed with pleasure and drew his broad shoulders back a little farther.

The commander's eyes flicked down to the battle-axe that rested snugly in its leather holster at Kurt's side. "You keep a clean sidearm, too."

Kurt uttered a silent prayer of thanksgiving that he had worked over his weapon before reveille that morning until there was a satin gloss to its redwood handle and the sheen of black glass to its obsidian head.

"In fact," said Colonel Harris, "you'd be officer material if—" His voice trailed off.

"If what?" asked Kurt eagerly.

"If," said the colonel with a note of paternal fondness in his voice that sent cold chills dancing down Kurt's spine, "you weren't the most completely unmanageable, undisciplined, over-muscled and under-brained knucklehead I've ever had the misfortune to have in my command. This last

little unauthorized jaunt of yours indicates to me that you have as much right to sergeant's stripes as I have to have kittens. Report to me at ten tomorrow! I personally guarantee that when I'm through with you—if you live that long—you'll have a bare forehead!"

Colonel Harris spun on one heel and stalked back across the dusty plateau toward the walled garrison that stood at one end. Kurt stared after him for a moment and then turned and let his eyes slip across the wide belt of lush green jungle that surrounded the high plateau. To the north rose a great range of snow-capped mountains and his heart filled with longing as he thought of the strange and beautiful thing he had found behind them. Finally he plodded slowly back to the plow, his shoulders stooped and his head sagging. With an effort he recalled himself to the business at hand.

"Up on your dying feet, soldier!" he barked to the reclining private. "If you please, sir!" he said to the lieutenant. His calloused hands grasped the worn plow handles.

"Giddiup!" The two men strained against their collars and with a creak of harness the wooden plow started to move slowly across the arid plateau.

CHAPTER II.

CONRAD KROGSON, Supreme Commander of War Base Three of Sector Seven of the Galactic Protectorate stood at quaking attention before the visiscreen of his space communicator. It was an unusual position for the commander. He was accustomed to having people quake while *he* talked.

"The Lord Protector's got another hot tip that General Carr is still alive!" said the sector commander. "He's yelling for blood; and if it's a choice between yours and mine, you know who will do the donating!"

"But sir," quavered Krogson to the figure on the screen, "I can't do anything more

than I am doing. I've had double security checks running since the last time there was an alert, and they haven't turned up a thing. And I'm so shorthanded now that if I pull another random purge, I won't have enough techs left to work the base."

"That's your problem, not mine," said the sector commander coldly. "All that I know is that rumors have got to the Protector that an organized underground is being built up and that Carr is behind it. The Protector wants action now. If he doesn't get it, heads are going to roll!"

"I'll do what I can, sir," promised Krogson.

"I'm sure you will," said the sector commander viciously, "because I'm giving you exactly ten days to produce something that is big enough to take the heat off me. If you don't, I'll break you, Krogson. If I'm sent to the mines, you'll be sweating right alongside me. That's a promise!"

Krogson's face blanched.

"Any questions?" snapped the sector commander.

"Yes," said Krogson.

"Well don't bother me with them. I've got troubles of my own!" The screen went dark.

Krogson slumped into his chair and sat staring dully at the blank screen. Finally he roused himself with an effort and let out a bellow that rattled the windows of his dusty office.

"Schninkle! Get in here!"

A gnomelike little figure scuttled in through the door and bobbed obsequiously before him.

"Yes, commander?"

"Switch on your thinktank," said Krogson. "The Lord Protector has the shakes again and the heat's on!"

"What is it this time?" asked Schninkle.

"General Carr!" said the commander gloomily, "the ex-Number Two."

"I thought he'd been liquidated."

"So did I," said Krogson, "but he must have slipped out some way. The Protector thinks he's started up an underground."

"He'd be a fool if he didn't," said the little man. "The Lord Protector isn't as young as he once was and his grip is getting a little shaky."

"Maybe so, but he's still strong enough to get us before General Carr gets him. The Sector Commander just passed the buck down to me. We produce or else!"

"We?" said Schninkle unhappily.

"Of course," snapped Krogson, "we're in this together. Now let's get to work! If you

were Carr, where would be the logical place for you to hide out?"

"Well," said Schninkle thoughtfully, "If I were as smart as Carr is supposed to be, I'd find myself a hideout right on Prime Base. Everything's so fouled up there that they'd never find me."

"That's out for us," said Krogson. "We can't go rooting around in the Lord Protector's own backyard. What would Carr's next bet be?"

Schninkle thought for a moment. "He might go out to one of the deserted systems," he said slowly. "There must be half a hundred stars in our own base area that haven't been visited since the old empire broke up. Our ships don't get around the way they used to and the chances are mighty slim that anybody would stumble on to him accidentally."

"It's a possibility," said the commander thoughtfully, "a bare possibility." His right fist slapped into his left palm in a gesture of sudden resolution. "But by the Planets! at least it's something! Alert all section heads for a staff meeting in half an hour. I want every scout out on a quick check of every system in our area!"

"Beg pardon, commander," said Schninkle, "but half our light ships are redlined for essential maintenance and the other half should be. Anyway it would take months to check every possible hideout in this area even if we used the whole fleet."

"I know," said Krogson, "but we'll have to do what we can with what we have. At least I'll be able to report to sector that we're doing *something!* Tell Astrogation to set up a series of search patterns. We won't have to check every planet. A single quick sweep through each system will do the trick. Even Carr can't run a base without power. Where there's power, there's radiation, and radiation can be detected a long way off. Put all electronic techs on double shifts and have all detection gear double-checked."

"Can't do that either," said Schninkle. "There aren't more than a dozen electronic techs left. Most of them were transferred to Prime Base last week."

Commander Krogson blew up. "How in the name of the Bloody Blue Pleiades am I supposed to keep a war base going without technicians? You tell me, Schninkle, you always seem to know all the answers."

Schninkle coughed modestly. "Well, sir," he said, "as long as you have a situation where technicians are sent to the uranium

mines for making mistakes, it's going to be an unpopular vocation. And, as long as the Lord Protector of the moment is afraid that Number Two, Number Three, and so on have ideas about grabbing his job—which they generally do—he's going to keep his fleet as strong as possible and their fleets so weak they aren't dangerous. The best way to do that is to grab techs. If most of a base's ships are sitting around waiting repair, the commander won't be able to do much about any ambitions he may happen to have. Add that to the obvious fact that our whole technology has been on a downward spiral for the last three hundred years and you have your answer."

Krogson nodded gloomy agreement. "Sometimes I feel as if we were all on a dead ship falling into a dying sun," he said with rare candor. His voice suddenly altered. "But in the meantime we have our necks to save. Get going, Schninkle!"

Schninkle bobbed and darted out of the office.

CHAPTER III.

It was exactly ten o'clock in the morning when Sergeant Dixon of the Imperial Space Marines snapped to attention before his commanding officer.

"Sergeant Dixon reporting as ordered, sir!" His voice cracked a bit in spite of his best efforts to control it.

The colonel looked at him coldly. "Nice of you to drop in, Dixon," he said. "Shall we go ahead with our little chat?"

Kurt nodded nervously.

"I have here," said the colonel shuffling a sheaf of papers, "a report of an unauthorized expedition made by you into *Off Limits* territory."

"Which one do you mean, sir?" asked Kurt without thinking.

"Then there has been more than one?" asked the colonel quietly.

Kurt started to stammer.

Colonel Harris silenced him with a gesture of his hand. "I'm talking about the country to the north, the tableland back of the Twin Peaks."

"It's a beautiful place!" burst out Kurt enthusiastically. "It's . . . it's like Imperial Headquarters must be. Dozens of little streams full of fish, trees heavy with fruit, small game so slow and stupid that they can be knocked over with a club. Why, the battalion could live there without hardly lifting a finger!"

"I've no doubt that they could," said the colonel.

"Think of it, sir!" continued the sergeant. "No more plowing details, no more hunting details, no more nothing but taking it easy!"

"You might add to your list of 'no mores,' no more tech schools," said Colonel Harris. "I'm quite aware that the place is all you say it is, sergeant. As a result I'm placing all information that pertains to it in a 'Top Secret' category. That applies to what is inside your head as well!"

"But, sir!" protested Kurt. "If you could only see the place—"

"I have," broke in the colonel, "thirty years ago."

Kurt looked at him in amazement. "Then why are we still on the plateau?"

"Because my commanding officer did just what I've done, classified the information 'Top Secret.' Then he gave me thirty days extra detail on the plows. After he took my stripes away that is." Colonel Harris rose slowly to his feet. "Dixon," he said softly, "it's not every man who can be a noncommissioned officer in the Space Marines. Sometimes we guess wrong. When we do we do something about it!" There was the hissing crackle of distant summer lightning in his voice and storm clouds seemed to gather about his head. "Wipe those chevrons off!" he roared.

Kurt looked at him in mute protest.

"You heard me!" the colonel thundered.

"Yes-s-s, sir," stuttered Kurt, reluctantly drawing his forearm across his forehead and wiping off the three triangles of white grease paint that marked him a sergeant in the Imperial Space Marines. Quivering with shame, he took a tight grip on his temper and choked back the angry protests that were trying to force their way past his lips.

"Maybe," suggested the colonel, "you'd like to make a complaint to the I.G. He's due in a few days and he might reverse my decision. It has happened before, you know."

"No, sir," said Kurt woodenly.

"Why not?" demanded Harris.

"When I was sent out as a scout for the hunting parties I was given direct orders not to range farther than twenty kilometers to the north. I went sixty." Suddenly his forced composure broke. "I couldn't help it, sir," he said. "There was something behind those peaks that kept pulling me and pulling me and"—he threw up his hands—"you know the rest."

There was a sudden change in the colonel's face as a warm human smile swept across it, and he broke into a peal of laughter. "It's a hell of a feeling, isn't it, son? You know you shouldn't, but at the same time there's something inside you that says you've got to know what's behind those peaks or die. When you get a few more years under your belt you'll find that it isn't just mountains that make you feel like that. Here, boy, have a seat." He gestured toward a woven wicker chair that stood by his desk.

Kurt shifted uneasily from one foot to the other, stunned by the colonel's sudden change of attitude and embarrassed by his request. "Excuse me, sir," he said, "but we aren't out on work detail, and—"

The colonel laughed. "And enlisted men not on work detail don't sit in the presence of officers. Doesn't the way we do things ever strike you as odd, Dixon? On one hand you'd see nothing strange about being yoked to a plow with a major, and on the other you'd never dream of sitting in his presence off duty."

Kurt looked puzzled. "Work details are different," he said. "We all have to work if we're going to eat. But in the garrison, officers are officers and enlisted men are enlisted men and that's the way it's always been."

Still smiling, the colonel reached into his desk drawer, fished out something, and tossed it to Kurt.

"Stick this in your scalp lock," he said.

Kurt looked at it, stunned. It was a golden feather crossed with a single black bar, the insignia of rank of a second lieutenant of the Imperial Space Marines. The room swirled before his eyes.

"Now," said the older officer, "sit down!"

Kurt slowly lowered himself into the chair and looked at the colonel through bemused eyes.

"Stop gawking!" said Colonel Harris. "You're an officer now! When a man gets too big for his sandals, we give him a new pair—after we let him sweat a while!"

He suddenly grew serious. "Now that you're one of the family you have a right to know why I'm hushing up the matter of the tableland to the north. What I have to say won't make much sense at first. Later I'm hoping it will. Tell me," he said suddenly, "where did the battalion come from?"

"We've always been here I guess," said Kurt. "When I was a recruit, Grandad used

to tell me stories about us being brought from some place else a long time ago by an iron bird, but it stands to reason that something that heavy can't fly!"

A faraway look came into the colonel's eyes. "Six generations," he mused, "and history becomes legend. Another six and the legends themselves become tales for children. Yes, Kurt," he said softly, "it stands to reason that something that heavy couldn't fly so we'll forget it for a while. We did come from some place else though. Once there was a great empire, so great that all the stars you see at night were only part of it. And then, as things do when age rests too heavily on them, it began to crumble. Commanders fell to fighting among themselves and the Emperor grew weak. The battalion was set down here to operate a forward maintenance station for his ships. We waited but no ships came. For five hundred years no ships have come," said the colonel somberly. "Perhaps they tried to relieve us and couldn't, perhaps the Empire fell with such a crash that we were lost in the wreckage. There are a thousand perhaps that a man can tick off in his mind when the nights are long and sleep comes hard! Lost . . . forgotten . . . who knows?"

Kurt stared at him with a blank expression on his face. Most of what the colonel had said made no sense at all. Whatever Imperial Headquarters was, it hadn't forgotten them. The LG. still made his inspection every year or so.

The colonel continued as if talking to himself. "But our operational orders said that we would stand by to give all necessary maintenance to Imperial warcraft until properly relieved, and stand by we have."

The old officer's voice seemed to be coming from a place far distant in time and space.

"I'm sorry, sir," said Kurt, "but I don't follow you. If all these things did happen, it was so long ago that they mean nothing to us now."

"But they do!" said Colonel Harris vigorously. "It's because of them that things like your rediscovery of the tableland to the north have to be suppressed for the good of the battalion! Here on the plateau the living is hard. Our work in the fields and the meat brought in by our hunting parties give us just enough to get by on. But here we have the garrison and the Tech Schools—and vague as it has become—a reason for remaining together as the bat-

lion. Out there where the living is easy we'd lose that. We almost did once. A wise commander stopped it before it went too far. There are still a few signs of that time left—left deliberately as reminders of what can happen if commanding officers forget why we're here!"

"What things—" asked Kurt curiously.

"Well, son," said the colonel, picking up his great war bonnet from the desk and gazing at it quizzically, "I don't think you're quite ready for that information yet. Now take off and strut your feather. I've got work to do!"

CHAPTER IV.

AT War Base Three nobody was happy. Ships that were supposed to be light-months away carrying on the carefully planned search for General Carr's hideout were fluttering down out of the sky like senile penguins, disabled by blown jets, jammed computers, and all the other natural ills that worn out and poorly serviced equipment is heir to. Technical maintenance was quietly going mad. Commander Krogson was being noisy about it.

"Schninkle!" he screamed. "Isn't anything happening any place?"

"Nothing yet, sir," said the little man.

"Well make something happen!" He hoisted his battered brogans onto the scarred top of the desk and chewed savagely on a frayed cigar. "How are the other sectors doing?"

"No better than we are," said Schninkle. "Commander Snork of Sector Six tried to pull a fast one but he didn't get away with it. He sent his STAP into a plantation planet out at the edge of the Belt and had them hypno the whole population. By the time they were through there were about fifteen million greenies running around yelling 'Up with General Carr!' 'Down with the Lord Protector!' 'Long Live the People's Revolution!' and things like that. Snork even gave them a few medium vortex blasters to make it look more realistic. Then he sent in his whole fleet, tipped off the press at Prime Base, and waited. Guess what the Bureau of Essential Information finally sent him?"

"I'll bite," said Commander Krogson.

"One lousy cub reporter. Snork couldn't back out then so he had to go ahead and blast the planet down to bedrock. This morning he got a three line notice in *Space*

and a citation as Third Rate Protector of the People's Space Ways, Eighth Grade."

"That's better than the nothing we've got so far!" said the commander gloomily.

"Not when the press notice is buried on the next to last page right below the column on 'Our Feathered Comrades,'" said Schninkle, "and when the citation is posthumous. They even misspelled his name; it came out Snark!"

CHAPTER V.

As Kurt turned to go, there was a sharp knock on Colonel Harris' door.

"Come in!" called the colonel.

Lieutenant Colonel Blick, the battalion executive officer, entered with an arrogant stride and threw his commander a slovenly salute. For a moment he didn't notice Kurt standing at attention beside the door.

"Listen, Harris!" he snarled. "What's the idea of pulling that clean-up detail out of my quarters?"

"There are no servants in this battalion, Blick," the older man said quietly. "When the men come in from work detail at night they're tired. They've earned a rest and as long as I'm C.O. they're going to get it. If you have dirty work that has to be done, do it yourself. You're better able to do it than some poor devil who's been dragging a plow all day. I suggest you check pertinent regulations!"

"Regulations!" growled Blick. "What do you expect me to do, scrub my own floors?"

"I do," said the colonel dryly, "when my wife is too busy to get to it. I haven't noticed that either my dignity or my efficiency have suffered appreciably. I might add," he continued mildly, "that staff officers are supposed to set a good example for their juniors. I don't think either your tone or your manner are those that Lieutenant Dixon should be encouraged to emulate." He gestured toward Kurt and Blick spun on one heel.

"Lieutenant Dixon!" he roared in an incredulous voice. "By whose authority?"

"Mine," said the colonel mildly. "In case you've forgotten I am still commanding officer of this battalion."

"I protest!" said Blick. "Commissions have always been awarded by decision of the entire staff."

"Which you now control," replied the colonel.

Kurt coughed nervously. "Excuse me, sir," he said, "but I think I'd better leave."

Colonel Harris shook his head. "You're one of our official family now, son, and you might as well get used to our squabbles. This particular one has been going on between Colonel Blick and me for years. He has no patience with some of our old customs." He turned to Blick. "Have you, colonel?"

"You're right, I haven't!" growled Blick. "And that's why I'm going to change some of them as soon as I get the chance. The sooner we stop this Tech School nonsense and put the recruits to work in the fields where they belong, the better off we'll all be. Why should a plowman or a hunter have to know how to read wiring diagrams or set tubes. It's nonsense, superstitious nonsense. You!" he said stabbing his finger into the chest of the startled lieutenant. "You! Dixon! You spent fourteen years in the Tech Schools just like I did when I was a recruit. What for?"

"To learn maintenance, of course," said Kurt.

"What's maintenance?" demanded Blick.

"Taking stuff apart and putting it back together and polishing jet bores with microplanes and putting plates in alignment and checking the meters when we're through to see the job was done right. Then there's class work in Direc calculus and sub-electronics and—"

"That's enough!" interrupted Blick. "And now that you've learned all that, what can you do with it?"

Kurt looked at him in surprise. "Do with it?" he echoed. "You don't *do* anything with it. You just learn it because regulations say you should."

"And this," said Blick, turning to Colonel Harris, "is one of your prize products. Fourteen of his best years poured down the drain and he doesn't even know what for!" He paused and then said in an arrogant voice, "I'm here for a showdown, Harris!"

"Yes?" said the colonel mildly.

"I demand that the Tech Schools be closed at once and the recruits released for work details. If you want to keep your command, you'll issue that order. The staff is behind me on this!"

Colonel Harris rose slowly to his feet. Kurt waited for the thunder to roll, but strangely enough it didn't. It almost seemed to him that there was an expression of concealed amusement playing across the colonel's face.

"Some day, just for once," he said, "I

wish somebody around here would do something that hasn't been done before."

"What do you mean by that?" demanded Blick.

"Nothing," said the colonel. "You know," he continued conversationally, "a long time ago I walked into my C.O.'s and made the same demands and the same threats that you're making now. I didn't get very far, though—just as you aren't going to—because I overlooked the little matter of the Inspector General's annual visit. He's due in from Imperial Headquarters Saturday night, isn't he Blick?"

"You know he is!" growled the other.

"Aren't worried, are you? It occurs to me that the I.G. might take a dim view of your new order."

"I don't think he'll mind," said Blick with a nasty grin. "Now will you issue the order to close the Tech Schools or won't you?"

"Of course not!" said the colonel brusquely.

"That's final?"

Colonel Harris just nodded.

"All right," barked Blick, "you asked for it!"

There was an ugly look on his face as he barked, "Kane! Simons! Arnett! The rest of you! Get in here!"

The door to Harris' office swung slowly open and revealed a group of officers stand-sheepishly in the anteroom.

"Come in, gentlemen," said Colonel Harris.

They came slowly forward and grouped themselves just inside the door.

"I'm taking over!" roared Blick. "This garrison has needed a house cleaning for a long time and I'm just the man to do it!"

"How about the rest of you?" asked the colonel.

"Beg pardon, sir," said one hesitantly, "but we think Colonel Blick's probably right. I'm afraid we're going to have to confine you for a few days. Just until after the I.G.'s visit," he added apologetically.

"And what do you think the I.G. will say to all this?"

"Colonel Blick says we don't have to worry about that," said the officer. "He's going to take care of everything."

A look of sudden anxiety played across Harris' face and for the first time he seemed on the verge of losing his composure.

"How?" he demanded, his voice betraying his concern.

"He didn't say, sir," the other replied. Harris relaxed visibly.

"All right," said Blick. "Let's get moving!" He walked behind the desk and plumped into the colonel's chair. Hoisting his feet on the desk he gave his first command.

"Take him away!"

There was a sudden roar from the far corner of the room. "No you don't!" shouted Kurt. His battle-axe leaped into his hand as he jumped in front of Colonel Harris, his muscular body taut and his gray eyes flashing defiance.

Blick jumped to his feet. "Disarm that man!" he commanded. There was a certain amount of scuffling as the officers in the front of the group by the door tried to move to the rear and those behind them resolutely defended their more protected positions.

Blick's face grew so purple that he seemed on the verge of apoplexy. "Major Kane," he demanded, "place that man under restraint!"

Kane advanced toward Kurt with a noticeable lack of enthusiasm. Keeping a cautious eye on the glittering axe head, he said in what he obviously hoped to be a placating voice, "Come now, old man. Can't have this sort of thing, you know." He stretched out his hand hesitantly toward Kurt. "Why don't you give me your axe and we'll forget that the incident ever occurred."

Kurt's axe suddenly leaped toward the major's head. Kane stood petrified as death whizzed toward him. At the last split second Kurt gave a practiced twist to his wrist and the axe jumped up, cutting the air over the major's head with a vicious whistle. The top half of his silver staff plume drifted slowly to the floor.

"You want it," roared Kurt, his axe flicking back and forth like a snake's tongue, "you come get it. That goes for the rest of you, too!"

The little knot of officers retreated still farther. Colonel Harris was having the time of his life.

"Give it to 'em, son!" he whooped.

Blick looked contemptuously at the staff and slowly drew his own axe. Colonel Harris suddenly stopped laughing.

"Wait a minute, Blick!" he said. "This has gone far enough." He turned to Kurt.

"Give them your axe, son."

Kurt looked at him with an expression of hurt bewilderment in his eyes, hesitated for a moment, and then glumly surrendered his weapon to the relieved major.

"Now," snarled Blick, "take that insolent puppy out and feed him to the lizards!"

Kurt drew himself up in injured dignity. "That is no way to refer to a brother officer," he said reproachfully.

The vein in Blick's forehead started to pulse again. "Get him out of here before I tear him to shreds!" he hissed through clenched teeth. There was silence for a moment as he fought to regain control of himself. Finally he succeeded.

"Lock him up!" he said in an approximation to his normal voice. "Tell the provost sergeant I'll send down the charges as soon as I can think up enough."

Kurt was led resentfully from the room.

"The rest of you clear out," said Blick. "I want to talk with Colonel Harris about the LG."

CHAPTER VI.

THERE was a saying in the Protectorate that when the Lord Protector was angry, stars and heads fell. Commander Krogson felt his wobble on his neck. His far-sweeping scouts were sending back nothing but reports of equipment failure, and the sector commander had coldly informed him that morning that his name rested securely at the bottom of the achievement list. It looked as if War Base Three would shortly have a change of command.

"Look, Schninkle," he said desperately, "even if we can't give them anything, couldn't we make a promise that would look good enough to take some of the heat off us?"

Schninkle looked dubious.

"Maybe a new five-year plan?" suggested Krogson.

The little man shook his head. "That's a subject we'd better avoid entirely," he said. "They're still asking nasty questions about what happened to the last one. Mainly on the matter of our transport quota. I took the liberty of passing the buck on down to Logistics. Several of them have been . . . eh . . . removed as a consequence."

"Serves them right!" snorted Krogson. "They got me into that mess with their 'if a freighter and a half flies a light year and a half in a month and a half, ten freighters can fly ten light years in ten months! I knew there was something fishy about it at the time but couldn't put my finger on it."

"It's always darkest before the storm," said Schninkle helpfully.



CHAPTER VII.

"TAKE off your war bonnet and make yourself comfortable," said Colonel Harris hospitably.

Blick grunted assent. "This thing is sort of heavy," he said. "I think I'll change uniform regulations while I'm at it."

"There was something you wanted to tell me?" suggested the colonel.

"Yeah," said Blick. "I figure that you figure the I.G.'s going to bail you out of this. Right?"

"I wouldn't be surprised."

"I would," said Blick. "I was up snoopin' around the armory last week. There was something there that started me doing some heavy thinking. Do you know what it was?"

"I can guess," said the colonel.

"As I looked at it, it suddenly occurred to me what a happy coincidence it is that the Inspector General always arrives just when you happen to need him."

"It is odd, come to think of it."

"Something else occurred to me, too. I got to thinking that if I were C.O. and I wanted to keep the troops whipped into line, the easiest way to do it would be to have a visible symbol of Imperial Headquarters appear in person once in a while."

"That makes sense," admitted Harris, "especially since the chaplain has started preaching that Imperial Headquarters is where good marines go when they die—if they follow regulations while they're alive. But how would you manage it?"

"Just the way you did. I'd take one of the old battle suits, wait until it was good and dark, and then slip out the back way and climb up six or seven thousand feet. Then I'd switch on my landing lights and drift slowly down to the parade field to review the troops." Blick grinned triumphantly.

"It might work," admitted Colonel Harris, "but I was under the impression that those rigs were so heavy that a man couldn't even walk in one, let alone fly."

Blick grinned triumphantly. "Not if the suit was powered. If a man were to go up into the tower of the arsenal and pick the lock of the little door labeled 'Danger! Absolutely No Admittance,' he might find a whole stack of shiny little cubes that look suspiciously like the illustrations of power packs in the tech manuals."

"That he might," agreed the colonel.

Blick shifted back in his chair. "Aren't worried, are you?"

Colonel Harris shook his head. "I was for a moment when I thought you'd told the rest of the staff, but I'm not now."

"You should be! When the I.G. arrives this time I'm going to be inside that suit. There's going to be a new order around here and he's just what I need to put the stamp of approval on it. When the Inspector General talks, nobody questions!"

He looked at Harris expectantly, waiting for a look of consternation to sweep across his face. The colonel just laughed.

"Blick," he said, "you're in for a big surprise!"

"What do you mean?" said the other suspiciously.

"Simply that I know you better than you know yourself. You wouldn't be executive officer if I didn't. You know, Blick, I've got a hunch that the battalion is going to change the man more than the man is going to change the battalion. And now if you'll excuse me—" He started toward the door. Blick moved to intercept him.

"Don't trouble yourself," chuckled the colonel, "I can find my own way to the cell block." There was a broad grin on his face. "Besides, you've got work to do."

There was a look of bewilderment in Blick's face as the erect figure went out the door. "I don't get it," he said to himself. "I just don't get it!"

CHAPTER VIII.

FLIGHT OFFICER OZAKI was unhappy. Trouble had started two hours after he lifted his battered scout off War Base Three and showed no signs of letting up. He sat glumly at his controls and enumerated his woes. First there was the matter of the air conditioner which had acquired an odd little hum and discharged into the cabin oxygen redolent with the rich ripe odor of rotting fish. Secondly, something had happened in the complex insides of his food synthesizer and no matter what buttons he punched, all that emerged from the ejector were quivering slabs of under-cooked protein base smeared with a raspberry flavored goo.

Not last, but worst of all, the ship's fuel converter was rapidly becoming more erratic. Instead of a slow, steady feeding of the plutonite ribbon into the combustion chamber, there were moments when the mechanism would falter and then leap ahead. The resulting sudden injection of several square millimicrons of tape would

send a sudden tremendous flare of energy spouting out through the rear jets. The pulse only lasted for a fraction of a second but the sudden application of several G's meant a momentary blackout and, unless he was strapped carefully into the pilot seat, several new bruises to add to the old.

What made Ozaki the unhappiest was that there was nothing he could do about it. Pilots who wanted to stay alive just didn't tinker with the mechanism of their ships.

Glumly he pulled out another red-bordered IMMEDIATE MAINTENANCE card from the rack and began to fill it in.

Description of item requiring maintenance: "Shower thermostat, M7, Small Standard."

Nature of malfunction: "Shower will deliver only boiling water."

Justification for immediate maintenance: Slowly in large block letters Ozaki bitterly inked in "Haven't had a bath since I left base!" and tossed the card into the already overflowing gripe box with a feeling of helpless anger.

"Kitchen mechanics," he muttered. "Couldn't do a decent repair job if they wanted to—and most of the time they don't. I'd like to see one of them three days out on a scout sweep with a toilet that won't flush!"

CHAPTER IX.

It was a roomy cell as cells go but Kurt wasn't happy there. His continual striding up and down was making Colonel Harris nervous.

"Relax, son," he said gently, "you'll just wear yourself out."

Kurt turned to face the colonel who was stretched out comfortably on his cot. "Sir," he said in a conspiratorial whisper, "we've got to break out of here."

"What for?" asked Harris. "This is the first decent rest I've had in years."

"You aren't going to let Blick get away with this?" demanded Kurt in a shocked voice.

"Why not?" said the colonel. "He's the exec, isn't he? If something happened to me, he'd have to take over command anyway. He's just going through the impatient stage, that's all. A few days behind my desk will settle him down. In two weeks he'll be so sick of the job he'll be down on his knees begging me to take over again."

Kurt decided to try a new tack. "But sir, he's going to shut down the Tech Schools!"

"A little vacation won't hurt the kids," said the colonel indulgently. "After a week or so the wives will get so sick of having them underfoot all day that they'll turn the heat on him. Blick has six kids himself and I've a hunch his wife won't be any happier than the rest. She's a very determined woman, Kurt; a very determined woman!"

Kurt had a feeling he was getting no place rapidly. "Please, sir," he said earnestly, "I've got a plan."

"Yes?"

"Just before the guard makes his evening check-in, stretch out on the bed and start moaning. I'll yell that you're dying and when he comes in to check I'll jump him!"

"You'll do no such thing!" said the colonel sternly. "Sergeant Wetzel is an old friend of mine. Can't you get it through your thick head that I don't want to escape. When you've held command as long as I have you'll welcome a chance for a little peace and quiet. I know Blick inside out and I'm not worried about him. But, if you've got your heart set on escaping, I suppose there's no particular reason why you shouldn't. Do it the easy way though. Like this." He walked to the bars that fronted the cell and bellowed, "Sergeant Wetzel! Sergeant Wetzel!"

"Coming, sir!" called a voice from down the corridor. There was a shuffle of running feet and a gray scalp-locked and extremely portly sergeant puffed into view.

"What will it be, sir?" he asked.

"Colonel Blick or any of the staff around?" questioned the colonel.

"No, sir," said the sergeant. "They're all upstairs celebrating."

"Good!" said Harris. "Unlock the door, will you?"

"Anything you say, colonel," said the old man agreeably and produced a large key from his pouch and fitted it into the lock. There was a slight creaking and the door swung open.

"Young Dixon here wants to escape," said the colonel.

"It's all right by me," replied the sergeant, "though it's going to be awkward when Colonel Blick asks what happened to him."

"The lieutenant has a plan," confided the colonel. "He's going to over-power you and escape."

"There's more to it than just that!" said Kurt. "I'm figuring on swapping uniforms with you. That way I can walk right out

through the front gate without anybody being the wiser."

"That," said the sergeant, slowly looking down at his sixty-three inch waist, "will take a heap of doing. You're welcome to try though."

"Let's get on with it then," said Kurt, winding up a round-house swing.

"If it's all the same with you, lieutenant," said the old sergeant, eyeing Kurt's rock-like fist nervously, "I'd rather have the colonel do any over-powering that's got to be done."

Colonel Harris grinned and walked over to Wetzel.

"Ready?"

"Ready!"

Harris' fist traveled a bare five inches and tapped Wetzel lightly on the chin.

"Oof!" grunted the sergeant co-operatively and staggered back to a point where he could collapse on the softest of the two cots.

The exchange of clothes was quickly effected. Except for the pants—which persisted in dropping down to Kurt's ankles—and the war bonnet—which with equal persistence kept sliding down over his ears—he was ready to go. The pants problem was solved easily by stuffing a pillow inside them. This Kurt fondly believed made him look more like the rotund sergeant than ever. The garrison bonnet presented a more difficult problem but he finally achieved a partial solution. By holding it up with his left hand and keeping the palm tightly pressed against his forehead, it should appear to the casual observer that he was walking engrossed in deep thought.

The first two hundred yards were easy. The corridor was deserted and he plodded confidently along, the great war bonnet wobbling sedately on his head in spite of his best efforts to keep it steady. When he finally reached the exit gate, he knocked on it firmly and called to the duty sergeant.

"Open up! It's Wetzel."

Unfortunately, just then he grew careless and let go of his headgear. As the door swung open, the great war bonnet swooped down over his ears and came to rest on his shoulders. The result was that where his head normally was there could be seen only a nest of weaving feathers. The duty sergeant's jaw suddenly dropped as he got a good look at the strange figure that stood in the darkened corridor. And then with remarkable presence of mind he slammed

the door shut in Kurt's face and clicked the bolt.

"Sergeant of the guard!" he bawled, "Sergeant of the guard! There's a *thing* in the corridor!"

"What kind of a *thing*?" inquired a sleepy voice from the guard room.

"A horrible kind of a *thing* with wiggling feathers where its head ought to be," replied the sergeant.

"Get its name, rank, and serial number," said the sleepy voice.

Kurt didn't wait to hear any more. Disentangling himself from the head dress with some difficulty, he hurled it aside and pelted back down the corridor.

Lieutenant Dixon wandered back into the cell with a crestfallen look on his face. Colonel Harris and the old sergeant were so deeply engrossed in a game of "rockets high" that they didn't even see him at first. Kurt coughed and the colonel looked up.

"Change your mind?"

"No, sir," said Kurt. "Something slipped."

"What?" asked the colonel.

"Sergeant Wetzel's war bonnet. I'd rather not talk about it." He sank down on his bunk and buried his head in his hands.

"Excuse me," said the sergeant apologetically, "but if the lieutenant's through with my pants I'd like to have them back. There's a draft in here!"

Kurt silently exchanged clothes and then moodily walked over to the grille that barred the window and stood looking out.

"Why not go upstairs to officers' country and out that way?" suggested the sergeant, who hated the idea of being overpowered for nothing. "If you can get to the front gate without one of the staff spotting you, you can walk right out. The sentry never notices faces, he just checks for insignia."

Kurt grabbed Sergeant Wetzel's plump hand and wrung it warmly. "I don't know how to thank you," he stammered.

"Then it's about time you learned," said the colonel. "The usual practice in civilized battalions is to say 'Thank you'."

"Thank you!" said Kurt.

"Quite all right," said the sergeant. "Take the first stairway to your left. When you get to the top, turn left again and the corridor will take you straight to the exit."

Kurt got safely to the top of the stairs and turned right. Three hundred feet later the corridor ended in a blank wall. A small passageway angled off to the left and he set off down it. It also came to a dead end in a small anteroom whose farther wall was

occupied by a set of great bronze doors. He turned and started to retrace his steps. He had almost reached the main corridor when he heard angry voices sounding from it. He peeked cautiously around the corridor. His escape route was blocked by two officers engaged in acrimonious argument. Neither was too sober and the captain obviously wasn't giving the major the respect that a field officer usually commanded.

"I don't care what she said!" the captain shouted. "I saw her first."

The major grabbed him by the shoulder and pushed him back against the wall. "It doesn't matter who saw her first. You keep away from her or there's going to be trouble!"

The captain's face flushed with rage. With a snarl he tore off the major's breech-cloth and struck him in the face with it.

The major's face grew hard and cold. He stepped back, clicked his calloused heels together, and bowed slightly.

"Axes or fists?"

"Axes," snapped the captain.

"May I suggest the armory anteroom?" said the major formally. "We won't be disturbed there."

"As you wish, sir," said the captain with equal formality. "Your breechcloth, sir." The major donned it with dignity and they started down the hall toward Kurt. He turned and fled back down the corridor.

In a second he was back in the anteroom. Unless he did something quickly he was trapped. Two flaming torches were set in brackets on each side of the great bronze door. As flickering pools of shadow chased each other across the worn stone floor, Kurt searched desperately for some other way out. There was none. The only possible exit was through the bronze portals. The voices behind him grew louder. He ran forward, grabbed a projecting handle, and pulled. One door creaked open slightly and with a sigh of relief Kurt slipped inside.

There were no torches here. The great hall stood in half darkness, its only illumination the pale moonlight that streamed down through the arching skylight that formed the central ceiling. He stood for a moment in awe, impressed in spite of himself by the strange unfamiliar shapes that loomed before him in the half-darkness. He was suddenly brought back to reality by the sound of voices in the anteroom.

"Hey! The armory door's open!"

"So what? That place is off limits to everybody but the C.O."

"Blick won't care. Let's fight in there. There should be more room."

* Kurt quickly scanned the hall for a safe hiding place. At the far end stood what looked like a great bronze statue, its burnished surface gleaming dimly in the moonlight. As the door swung open behind him, he slipped cautiously through the shadows until he reached it. It looked like a coffin with feet, but to one side of it there was a dark pool of shadow. He slipped into it and pressed himself close against the cold metal. As he did so his hipbone pressed against a slight protrusion and with a slight clicking sound, a hinged middle section of the metallic figure swung open, exposing a dark cavity. The thing was hollow!

Kurt had a sudden idea. "Even if they do come down here," he thought, "they'd never think of looking inside this thing!" With some difficulty he wiggled inside and pulled the hatch shut after him. There were legs to the thing—his own fit snugly into them—but no arms.

The two officers strode out of the shadows at the other end of the hall. They stopped in the center of the armory and faced each other like fighting cocks. Kurt gave a sigh of relief. It looked as if he were safe for the moment.

There was a sudden wicked glitter of moonlight on axeheads as their weapons leaped into their hands. They stood frozen for a moment in a murderous tableau and then the captain's axe hummed toward his opponent's head in a vicious slash. There was a shower of sparks as the major parried and then with a quick wrist twist sent his weapon looping toward the captain's midriff. The other pulled his axe down to ward the blow but he was only partially successful. The keen obsidian edge raked his ribs and blood dripped darkly in the moonlight.

As Kurt watched intently he began to feel the first faint stirrings of claustrophobia. The Imperial designers had planned their battle armor for efficiency rather than comfort and Kurt felt as if he were locked away in a cramped dark closet. His malaise wasn't helped by a sudden realization that when the men left they might very well lock the door behind them. His decision to change his hiding place was hastened when a bank of dark clouds swept across the face of the moon. The flood of light that poured down through the skylight suddenly dimmed until Kurt could barely make

out the pirouetting forms of the two officers who were fighting in the center of the hall.

This was his chance. If he could slip down the darkened side of the hall before the moon lighted up the hall again, he might be able to slip out of the hall unobserved. He pushed against the closed hatch through which he entered. It refused to open. A feeling of trapped panic started to toll over him but he fought it back. "There must be some way to open this thing from the inside," he thought.

As his fingers wandered over the dark interior of the suit looking for a release lever, they encountered a bank of keys set just below his midriff. A quiet hum filled the armor and suddenly a feeling of weightlessness came over him. He stiffened in fright. As he did so, one of his steel shot feet pushed lightly backwards against the floor. That was enough. Slowly, like a child's balloon caught in a light draft, he drifted toward the center of the hall. He struggled violently but since he was now several inches above the floor and rising slowly it did him no good.

The fight was progressing splendidly. Both men were master axemen and in spite of being slightly drunk were putting on a brilliant exhibition. Each was bleeding from a dozen minor slashes but neither had been seriously axed as yet. Their flashing strokes and counters were masterful, so masterful that Kurt slowly forgot his increasingly awkward situation as he became more and more absorbed in the fight before him. The blond captain was slightly the better axeman but the major compensated for it by occasionally whistling in cuts that to Kurt's experienced eye seemed perilously close to fouls. He grew steadily more partisan in his feelings until one particularly unscrupulous attempt broke down his restraint altogether.

"Pull down your guard!" he screamed to the captain. "He's trying to cut you below the belt!" His voice reverberated within the battle suit and boomed out with strange metallic overtones.

Both men whirled in the direction of the sound. They could see nothing for a moment and then the major caught sight of the strange menacing figure looming above him in the murky darkness.

Dropping his axe he dashed frantically toward the exit shrieking: "It's the Inspector General!"

The captain's reflexes were a second slower. Before he could take off Kurt

poked his head down, "It's only me, Dixon! Get me out of here, will you?"

The captain stared up at himoggle-eyed. "What kind of a contraption is that?" he demanded. "And what are you doing in it?"

Kurt by now was floating a good ten feet off the floor. He had visions of spending the night on the ceiling and he wasn't happy about it. "Get me down now," he pleaded. "We can talk after I get out of this thing."

The captain gave a leap upwards and tried to grab Kurt's ankles. His jump was short and his outstretched fingers gave the weightless armor a slight shove that sent it bobbing up another three feet.

He cocked his head back and called up to Kurt. "Can't reach you now. We'll have to try something else. How did you get into that thing in the first place?"

"The middle section is hinged," said Kurt. "When I pulled it shut it clicked."

"Well, unclick it!"

"I tried that. That's why I'm up here now."

"Try again," said the man on the floor. "If you can open the hatch, you can drop down and I'll catch you."

"Here I come!" said Kurt, his fingers selecting a stud at random. He pushed. There was a terrible blast of flame from the shoulder jets and he screamed skywards on a pillar of fire. A microsecond later he reached the skylight. Something had to give. It did!

At fifteen thousand feet the air pressure dropped to the point where the automatics took over and the face plate clicked shut. Kurt didn't notice that. He was out like a light. At thirty thousand feet the heaters cut in. Forty seconds later he was in free space. Things could have been worse though, he still had air for two hours—

CHAPTER X.

FLIGHT OFFICER OZAKI was taking a cat nap when the alarm on the radiation detector went off. Dashing the sleep out of his eyes, he slipped rapidly into the control seat and cut off the gong. His fingers danced over the controls in a blur of movement. Swiftly the vision screen shifted until the little green dot that indicated a source of radiant energy was firmly centered. Next he switched on the pulse analyzer and watched carefully as it broke down the incoming signal into components and sent

them surging across the scope in the form of sharp-toothed sine waves. There was an odd peak to them, a strength and sharpness that he hadn't seen before.

"Doesn't look familiar," he muttered to himself, "but I'd better check to make sure."

He punched the comparison button and while the analyzer methodically began to check the incoming trace against the known patterns stored up in its compact little memory bank, he turned back to the vision screen. He switched on high magnification and the system rushed toward him. It expanded from a single pin point of light into a distinct planetary system. At its center a giant dying sun expanded on the plate like a malignant red eye. As he watched, the green dot moved appreciably, a thin red line stretching out behind it to indicate its course from point of first detection. Ozaki's fingers moved over the controls and a broken line of white light came into being on the screen. With careful adjustments he moved it up toward the green track left by the crawling red dot. When he had an exact overlay, he carefully moved the line back along the course that the energy emitter had followed prior to detection.

Ozaki was tense. It looked as if he might have something. He gave a sudden whoop of excitement as the broken white line intersected the orange dot of a planetary mass. A vision of the promised thirty-day leave and six months' extra pay danced before his eyes as he waited for the pulse analyzer to clear.

"Home!" he thought ecstatically. "Home and unplugged plumbing!"

With a final whir of relays the analyzer clucked like a contented chicken and dropped an identity card out of its emission slot. Ozaki grabbed it and scanned it eagerly. At the top was printed in red, "Identity Unknown," and below in smaller letters, "Suggest check of trace pattern on base analyzer." He gave a sudden whistle as his eyes caught the energy utilization index. 927! That was fifty points higher than it had any right to be. The best tech in the Protectorate considered himself lucky if he could tune a propulsion unit so that it delivered a thrust of forty-five per cent of rated maximum. Whatever was out there was hot! Too hot for one man to handle alone. With quick decision he punched the transmission key of his space communicator and sent a call winging back to War Base Three.

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CHAPTER XL

COMMANDER KROGSON stormed up and down his office in a frenzy of impatience.

"It shouldn't be more than another fifteen minutes, sir," said Schninkle.

Krogson snorted. "That's what you said an hour ago! What's the matter with those people down there? I want the identity of that ship and I want it now."

"It's not Identification's fault," explained the other. "The big analyzer is in pretty bad shape and it keeps jamming. They're afraid that if they take it apart they won't be able to get it back together again."

The next two hours saw Krogson's blood pressure steadily rising toward the explosion point. Twice he ordered the whole identification section transferred to a labor battalion and twice he had to rescind the command when Schninkle pointed out that scrapings from the bottom of the barrel were better than nothing at all. His fingernails were chewed down to the quick when word finally came through.

"Identification, sir," said a hesitant voice on the intercom.

"Well?" demanded the commander.

"The analyzer says—" The voice hesitated again.

"The analyzer says what?" shouted Krogson in a fury of impatience.

"The analyzer says that the trace pattern is that of one of the old Imperial drive units."

"That's impossible!" sputtered the commander. "The last Imperial base was smashed five hundred years ago. What of their equipment was salvaged has long since been worn out and tossed on the scrap heap. The machine must be wrong!"

"Not this time," said the voice. "We checked the memory bank manually and there's no mistake. It's an Imperial all right. Nobody can produce a drive unit like that these days."

Commander Krogson leaned back in his chair, his eyes veiled in deep thought. "Schninkle," he said finally, thinking out loud, "I've got a hunch that maybe we've stumbled on something big. Maybe the Lord Protector is right about there being a plot to knock him over, but maybe he's wrong about who's trying to do it. What if all these centuries since the Empire collapsed a group of Imperials have been hiding out waiting for their chance?"

Schninkle digested the idea for a moment. "It could be," he said slowly. "If there is

such a group, they couldn't pick a better time than now to strike; the Protectorate is so wobbly that it wouldn't take much of a shove to topple it over."

The more he thought about it, the more sense the idea made to Krogson. Once he felt a fleeting temptation to hush up the whole thing. If there were Imperials and they did take over, maybe they would put an end to the frenzied rat race that was slowly ruining the galaxy—a race that sooner or later entangled every competent man in the great web of intrigue and power politics that stretched through the Protectorate and forced him in self-defense to keep clawing his way toward the top of the heap.

Regretfully he dismissed the idea. This was a matter of his own neck here and now!

"It's a big IF, Schninkle," he said, "but if I've guessed right we've bailed ourselves out. Get hold of that scout and find out his position."

Schninkle scooted out of the door. A few minutes later he dashed back in. "I've just contacted the scout!" he said excitedly. "He's closed in on the power source and it isn't a ship after all. It's a man in space armor! The drive unit is cut off and it's heading out of the system at fifteen hundred per. The pilot is standing by for instructions."

"Tell him to intercept and capture!" Schninkle started out of the office. "Wait a second; what's the scout's position?"

Schninkle's face fell. "He doesn't quite know, sir."

"He what?" demanded the commander.

"He doesn't quite know," repeated the little man. "His astrocomputer went haywire six hours out of base."

"Just our luck!" swore Krogson. "Well tell him to leave his transmitter on. We'll ride in on his beam. Better call the sector commander while you're at it and tell him what's happened."

"Beg pardon, commander," said Schninkle, "but I wouldn't advise it."

"Why not?" asked Krogson.

"You're next in line to be sector commander, aren't you, sir?"

"I guess so," said the commander.

"If this pans out you'll be in a position to knock him over and grab his job, won't you?" asked Schninkle slyly.

"Could be," admitted Krogson in a tired voice. "Not because I want to, though—but because I have to. I'm not as young as I once was and the boys below are pushing

pretty hard. It's either up or out—and out is always feet first."

"Put yourself in the sector commander's shoes for a minute," suggested the little man. "What would you do if a war base commander came through with news of a possible Imperial base?"

A look of grim comprehension came over Krogson's face. "Of course! I'd ground the commander's ships and send out my own fleet. I must be slipping; I should have thought of that at once!"

"On the other hand," said Schninkle "you might call him and request permission to conduct routine maneuvers. He'll approve as a matter of course and you'll have an excuse for taking out the full fleet. Once in deep space you can slap on radio silence and set course for the scout. If there is an Imperial base out there, nobody will know anything about it until it's blasted. I'll stay back here and keep my eyes on things for you."

Commander Krogson grinned. "Schninkle, it's a pleasure to have you in my command. How would you like me to make you *Devoted Servant of the Lord Protector, Eighth Class?* It carries an extra shoe ration coupon!"

"If it's all the same with you," said Schninkle, "I'd just as soon have Saturday afternoons off."

CHAPTER XII.

As Kurt struggled up out of the darkness, he could hear a gong sounding in the faint distance. *Bong! Bong! BONG!* It grew nearer and louder. He shook his head painfully and groaned. There was light from some place beating against his eyelids. Opening them was too much effort. He was in some sort of a bunk. He could feel that. But the gong. He lay there concentrating on it. Slowly he began to realize that the beat didn't come from outside. It was his head. It felt swollen and sore and each pulse of his heart sent a hammer thud through it.

One by one his senses began to return to normal. As his nose reassumed its normal acuteness it began to quiver. There was a strange scent in the air, an unpleasant sickening scent as of—he chased the scent down his aching memory channels until he finally had it cornered—rotting fish. With that to anchor on he slowly began to reconstruct reality. He had been floating high above the floor in the armory and the captain had been trying to get him down. Then

he had pushed a button. There had been a microsecond of tremendous acceleration and then a horrendous crash. That must have been the skylight. After the crash darkness, then the gongs, and now the fish—dead and rotting fish.

"I must be alive," he decided. "Imperial Headquarters would never smell like this!"

He groaned and slowly opened one eye. Wherever he was he hadn't been there before. He opened the other eye. He was in a room. A room with a curved ceiling and curving walls. Slowly, with infinite care, he hung his head over the side of the bunk. Below him in a form-fitting chair before a bank of instruments sat a small man with yellow skin and blue-black hair. Kurt coughed. The man looked up. Kurt asked the obvious question.

"Where am I?"

"I'm not permitted to give you any information," said the small man. His speech had an odd slurred quality to Kurt's ear.

"Something stinks!" said Kurt.

"It sure does," said the small man gloomily. "It must be worse for you. I'm used to it."

Kurt surveyed the cabin with interest. There were a lot of gadgets tucked away here and there that looked familiar. They were like the things he had worked on in Tech School except that they were cruder and simpler. They looked as if they had been put together by an eight-year-old recruit who was doing his first trial assembly. He decided to make another stab at establishing some sort of communication with the little man.

"How come you have everything in one room? We always used to keep different things in different shops."

"No comment," said Ozaki.

Kurt had a feeling he was butting his head against a stone wall. He decided to make one more try.

"I give up," he said, wrinkling his nose, "where'd you hide it?"

"Hide what?" asked the little man.

"The fish," said Kurt.

"No comment."

"Why not?" asked Kurt.

"Because there isn't anything that can be done about it," said Ozaki. "It's the air conditioner. Something's haywire inside."

"What's an air conditioner?" asked Kurt.

"That square box over your head."

Kurt looked at it, closed his eyes, and thought for a moment. The thing did look

familiar. Suddenly a picture of it popped into his mind. Page 318 in the "Manual of Auxiliary Mechanisms."

"It's fantastic!" he said.

"What is?" said the little man.

"This," Kurt pointed to the conditioner. "I didn't know they existed in real life. I thought they were just in books. You got a first echelon kit?"

"Sure," said Ozaki. "It's in that recess by the head of the bunk. Why?"

Kurt pulled the kit out of its retaining clips and opened its cover, fishing around until he found a small screwdriver and a pair of needle-nose pliers.

"I think I'll fix it," he said conversationally.

"Oh no you won't!" howled Ozaki. "Air with fish is better than no air at all." But before he could do anything, Kurt had pulled the cover off the air conditioner and was probing into the intricate mechanism with his screwdriver. A slight thumping noise came from inside. Kurt cocked his ear and thought. Suddenly his screwdriver speared down through the maze of whirring parts. He gave a slow quarter turn and the internal thumping disappeared.

"See," he said triumphantly, "no more fish!"

Ozaki stopped shaking long enough to give the air a tentative sniff. He had got out of the habit of smelling in self-defense and it took him a minute or two to detect the difference. Suddenly a broad grin swept across his face.

"It's going away! I do believe it's going away!"

Kurt gave the screwdriver another quarter of a turn and suddenly the sharp spicy scent of pines swept through the scout. Ozaki took a deep ecstatic breath and relaxed in his chair. His face lost its pallor.

"How did you do it?" he said finally.

"No comment," said Kurt pleasantly.

There was silence from below. Ozaki was in the throes of a brain storm. He was more impressed by Kurt's casual repair of the air conditioner than he liked to admit.

"Tell me," he said cautiously, "can you fix other things beside air conditioners?"

"I guess so," said Kurt, "if it's just simple stuff like this." He gestured around the cabin. "Most of the stuff here needs fixing. They've got it together wrong."

"Maybe we could make a dicker," said Ozaki. "You fix things, I answer questions—some questions that is," he added hastily.

"It's a deal," said Kurt who was filled

with a burning curiosity as to his whereabouts. Certain things were already clear in his mind. He knew that wherever he was he'd never been there before. That meant evidently that there was a garrison on the other side of the mountains whose existence had never been suspected. What bothered him was how he had got there.

"Check," said Ozaki. "First, do you know anything about plumbing?"

"What's plumbing?" asked Kurt curiously.

"Pipes," said Ozaki. "They're plugged. They've been plugged for more time than I like to think about."

"I can try," said Kurt.

"Good!" said the pilot and ushered him into the small cubicle that opened off the rear bulkhead. "You might tackle the shower while you're at it."

"What's a shower?"

"That curved dingbat up there," said Ozaki pointing. "The thermostat's out of whack."

"Thermostats are kid stuff," said Kurt, shutting the door.

Ten minutes later Kurt came out.

"It's all fixed."

"I don't believe it," said Ozaki, shouldering his way past Kurt. He reached down and pushed a small curved handle. There was the satisfying sound of rushing water. He next reached into the little shower compartment and turned the knob to the left. With a hiss a needle spray of cold water burst forth. The pilot looked at Kurt with awe in his eyes.

"If I hadn't seen it, I wouldn't have believed it! That's two answers you've earned."

Kurt peered back into the cubicle curiously. "Well, first," he said, "now that I've fixed them, what are they *for*?"

Ozaki explained briefly and a look of amazement came over Kurt's face. Machinery he knew, but the idea it could be used for something was hard to grasp.

"If I hadn't seen it, I wouldn't have believed it!" he said slowly. This would be something to tell when he got home. Home! The pressing question of location popped back into his mind.

"How far are we from the garrison?" he asked.

Ozaki made a quick mental calculation.

"Roughly two light-seconds," he said.

"How far's that in kilometers?"

Ozaki thought again "Around six hundred

thousand. I'll run off the exact figures if you want them."

Kurt gulped. No place could be that far away. Not even Imperial Headquarters! He tried to measure out the distance in his mind in terms of days' marches but he soon found himself lost. Thinking wouldn't do it. He had to see with his own eyes where he was.

"How do you get outside?" he asked.

Ozaki gestured toward the air lock that opened at the rear of the compartment. "Why?"

"I want to go out for a few minutes to sort of get my bearings."

Ozaki looked at him in disbelief. "What's your game, anyhow?" he demanded.

It was Kurt's turn to look bewildered. "I haven't any game. I'm just trying to find out where I am so I'll know which way to head to get back to the garrison."

"It'll be a long cold walk." Ozaki laughed and hit the stud that slid back the ray screens on the vision ports. "Take a look."

Kurt looked out into nothingness, a blue-black void marked only by distant pin points of light. He suddenly felt terribly alone, lost in a blank immensity that had no boundaries. *Down* was gone and so was *up*. There was only this tiny lighted room with nothing underneath it. The port began to swim in front of his eyes as a sudden strange vertigo swept over him. He felt that if he looked out into that terrible space for another moment he would lose his sanity. He covered his eyes with his hands and staggered back to the center of the cabin.

Ozaki slid the ray screens back in place. "Kind of gets you first time, doesn't it?"

Kurt had always carried a little automatic compass within his head. Wherever he had gone, no matter how far afield he had wandered, it had always pointed steadily toward home. Now for the first time in his life the needle was spinning helplessly. It was an uneasy feeling. He had to get oriented.

"Which way is the garrison?" he pleaded.

Ozaki shrugged. "Over there some place. I don't know whereabouts on the planet you come from. I didn't pick up your track until you were in free space."

"Over where?" asked Kurt.

"Think you can stand another look?"

Kurt braced himself and nodded. The pilot opened a side port to vision and pointed. There, seemingly motionless in the black emptiness of space, floated a great greenish

gray globe. It didn't make sense to Kurt. The satellite that hung somewhat to the left did. Its face was different the details were sharper than he'd ever seen them before, but the features he knew as well as his own. Night after night on scouting detail for the hunting parties while waiting for sleep he had watched the silver sphere ride through the clouds above him.

He didn't want to believe but he had to!

His face was white and tense as he turned back to Ozaki. A thousand sharp and burning questions milled chaotically through his mind.

"Where am I?" he demanded. "How did I get out here? Who are you? Where did you come from?"

"You're in a spaceship," said Ozaki, "a two-man scout. And that's all you're going to get out of me until you get some more work done. You might as well start on this microscopic projector. The thing burned out just as the special investigator was about to reveal who had blown off the commissioner's head by wiring a bit of plutonite into his autoshave. I've been going nuts ever since trying to figure out who did it!"

Kurt took some tools out of the first echelon kit and knelt obediently down beside the small projector.

Three hours later they sat down to dinner. Kurt had repaired the food machine and Ozaki was slowly masticating synthasteak that for the first time in days tasted like synthasteak. As he ecstatically lifted the savory morsel to his mouth, the ship gave a sudden leap that plastered him and what remained of his supper against the rear bulkhead. There was darkness for a second and then the ceiling lights flickered on, then off, and then on again. Ozaki picked himself up and gingerly ran his fingers over the throbbing lump that was beginning to grow out of the top of his head. His temper wasn't improved when he looked up and saw Kurt still seated at the table calmly cutting himself another piece of pie.

"You should have braced yourself," said Kurt conversationally, "The converter's out of phase. You can hear her build up for a jump if you listen. When she does you ought to brace yourself. Maybe you don't hear so good?" he asked helpfully.

"Don't talk with your mouth full, it isn't polite," snarled Ozaki.

Late that night the converter cut out altogether. Ozaki was sleeping the sleep of the innocent and didn't find out about it

for several hours. When he did awake it was to Kurt's gentle shaking.

"Hey!" Ozaki groaned and buried his face in the pillow.

"Hey!" This time the voice was louder. The pilot yawned and tried to open his eyes.

"Is it important if all the lights go out?" the voice queried. The import of the words suddenly struck home and Ozaki sat bolt upright in his bunk. He opened his eyes, blinked, and opened them again. The lights were out. There was a strange unnatural silence about the ship.

"Good Lord!" he shouted and jumped for the controls, "The power's off."

He hit the starter switch but nothing happened. The converter was jammed solid. Ozaki began to sweat. He fumbled over the control board until he found the switch that cut the emergency batteries into the lighting circuit. Again nothing happened.

"If you're trying to run the lights on the batteries, they won't work," said Kurt in a conversational tone.

"Why not?" snapped Ozaki as he punched savagely and futilely at the starter button.

"They're dead," said Kurt. "I used them all up."

"You what?" yelled the pilot in anguish.

"I used them all up. You see, when the converter went out I woke up. After a while the sun started to come up and it began to get awfully hot so I hooked the batteries into the refrigeration coils. Kept the place nice and cool while they lasted."

Ozaki howled. When he swung the shutter of the forward port to let in some light he howled again. This time in dead earnest. The giant red sun of the system was no longer perched off to the left at a comfortable distance. Instead before Ozaki's horrified eyes was a great red mass that stretched from horizon to horizon.

"We're falling into the sun!" he screamed.

"It's getting sort of hot," said Kurt. "Hot" was an understatement. The thermometer needle pointed at a hundred and ten and was climbing steadily.

Ozaki jerked open the stores compartment door and grabbed a couple of spare batteries. As quickly as his trembling fingers would work, he connected them to the emergency power line. A second later the cabin lights flickered on and Ozaki was warming up the space communicator. He punched the transmitter key and a call went arcing out through hyperspace. The vision

screen flickered and the bored face of a communication tech, third class, appeared.

"Give me Commander Krogson at once!" demanded Ozaki.

"Sorry, old man," yawned the other, "but the commander's having breakfast. Call back in half an hour, will you?"

"This is an emergency! Put me through at once!"

"Can't help it," said the other, "nobody can disturb the Old Man while he's having breakfast."

"Listen, you knucklehead," screamed Ozaki, "if you don't get me through to the commander as of right now, I'll have you in the uranium mines so fast that you won't know what hit you!"

"You and who else?" drawled the tech.

"Me and my cousin Takahashi!" snarled the pilot. "He's Reclassification Officer for the Base STAP."

The tech's face went white. "Yes, sir!" he stuttered. "Right away, sir! No offense meant, sir!" He disappeared from the screen. There was a moment of darkness and then the interior of Commander Krogson's cabin flashed on.

The commander was having breakfast. His teeth rested on the white tablecloth and his mouth was full of mush.

"Commander Krogson!" said Ozaki desperately.

The commander looked up with a startled expression. When he noticed his screen was on he swallowed his mush convulsively and popped his teeth back into place.

"Who's there?" he demanded in a neutral voice in case it might be somebody important.

"Flight Officer Ozaki," said Flight Officer Ozaki.

A thundercloud rolled across the commander's face. "What do you mean by disturbing me at breakfast?" he demanded.

"Beg pardon, sir," said the pilot, "but my ship's falling into a red sun."

"Too bad," grunted Commander Krogson and turned back to his mush and milk.

"But sir," persisted the other, "you've got to send somebody to pull me off. My converter's dead!"

"Why tell me about it?" said Krogson in annoyance. "Call Space Rescue, they're supposed to handle things like this."

"Listen, commander," wailed the pilot, "by the time they've assigned me a priority and routed the paper through proper channels, I'll have gone up in smoke. The

last time I got in a jam it took them two weeks to get to me. I've only got hours left!"

"Can't make exceptions," snapped Krogson testily. "If I let you skip the chain of command, everybody and his brother will think he has a right to."

"Commander," howled Ozaki, "we're frying in here!"

"All right. All right!" said the commander sourly. "I'll send somebody after you. What's your name?"

"Ozaki, sir. Flight Officer Ozaki."

The commander was in the process of scooping up another spoonful of mush when suddenly a thought struck him squarely between the eyes.

"Wait a second," he said hastily, "you aren't the scout who located the Imperial base, are you?"

"Yes, sir," said the pilot in a cracked voice.

"Why didn't you say so?" roared Krogson. Flipping on his intercom he growled, "Give me the Exec." There was a moment's silence.

"Yes, sir?"

"How long before we get to that scout?"

"About six hours, sir."

"Make it three!"

"Can't be done, sir."

"It will be done!" snarled Krogson and broke the connection.

The temperature needle in the little scout was now pointing to a hundred and fifteen.

"I don't think we can hold out that long," said Ozaki.

"Nonsense!" said the commander and the screen went blank.

Ozaki slumped into the pilot chair and buried his face in his hands. Suddenly he felt a blast of cold air on his neck. "There's no use in prolonging our misery," he said without looking up. "Those spare batteries won't last five minutes under this load."

"I knew that," said Kurt cheerfully, "so while you were doing all the talking I went ahead and fixed the converter. You sure have mighty hot summers out here!" he continued, mopping his brow.

"You what?" yelled the pilot, jumping half out of his seat. "You couldn't even if you did have the know-how. It takes half a day to get the shielding off so you can get at the thing!"

"Didn't need to take the shielding off for a simple job like that," said Kurt. He pointed to a tiny inspection port about four

inches in diameter. "I worked through there."

"That's impossible!" interjected the pilot. "You can't even see the injector through that, let alone get to it to work on!"

"Shucks," said Kurt, "a man doesn't have to see a little gadget like that to fix it. If your hands are trained right, you can feel what's wrong and set it to rights right away. She won't jump on you any more either. The syncromesh thrust baffle was a little out of phase so I fixed that, too, while I was at it."

Ozaki still didn't believe it but he hit the controls on faith. The scout bucked under the sudden strong surge of power and then, its converter humming sweetly, arced away from the giant sun in a long sweeping curve.

There was silence in the scout. The two men sat quietly, each immersed in an uneasy welter of troubled speculation.

"That was close!" said Ozaki finally. "Too close for comfort. Another hour or so and—!" He snapped his fingers.

Kurt looked puzzled. "Were we in trouble?"

"Trouble!" snorted Ozaki. "If you hadn't fixed the converter when you did, we'd be cinders by now!"

Kurt digested the news in silence. There was something about this super-being who actually made machines work that bothered him. There was a note of bewilderment in his voice when he asked: "If we were really in danger, why didn't you fix the converter instead of wasting time talking on that thing?" He gestured toward the space communicator.

It was Ozaki's turn to be bewildered. "Fix it?" he said with surprise in his voice. "There aren't a half dozen techs on the whole base who know enough about atomics to work on a propulsion unit. When something like that goes out you call Space Rescue and chew your nails until a wrecker can get to you."

Kurt crawled into his bunk and lay back staring at the curved ceiling. He had thinking to do, a lot of thinking!"

Three hours later the scout flashed up alongside the great flagship and darted into a landing port. Flight Officer Ozaki was stricken by a horrible thought as he gazed affectionately around his smooth running ship.

"Say," he said to Kurt hesitantly, "would you mind not mentioning that you fixed this crate up for me? If you do, they'll take it

away from me sure. Some captain will get a new gig and I'll be issued another clunk from Base junkpile."

"Sure thing," said Kurt.

A moment later the flashing of a green light on the control panel signaled that the pressure in the lock had reached normal.

"Back in a minute," said Ozaki. "You wait here."

There was a muted hum as the exit hatch swung slowly open. Two guards entered and stood silently beside Kurt as Ozaki left to report to Commander Krogson.

CHAPTER XIII.

THE battle fleet of War Base Three of Sector Seven of the Galactic Protectorate hung motionless in space twenty thousand kilometers out from Kurt's home planet. A hundred tired detection techs sat tensely before their screens, sweeping the globe for some sign of energy radiation. Aside from the occasional light spatters caused by space static, their scopes remained dark. As their reports filtered in to Commander Krogson he became more and more exasperated.

"Are you positive this is the right planet?" he demanded of Ozaki.

"No question about it, sir."

"Seems funny there's nothing running down there at all," said Krogson. "Maybe they spotted us on the way in and cut off power. I've got a hunch that—" He broke off in mid sentence as the red top-priority light on the communication panel began to flash. "Get that," he said. "Maybe they've spotted something at last."

The executive officer flipped on the vision screen and the interior of the flagship's communication room was revealed.

"Sorry to bother you, sir," said the tech whose image appeared on the screen, "but a message just came through on the emergency band."

"What does it say?"

The tech looked unhappy. "It's coded, sir."

"Well, decode it!" barked the executive.

"We can't," said the technician diffidently. "Something's gone wrong with the decoder. The printer is pounding out random groups that don't make any sense at all."

The executive grunted his disgust. "Any idea where the call's coming from?"

"Yes, sir; it's coming in on a tight beam from the direction of Base. Must be from a ship emergency rig, though. Regular hyperspace transmission isn't directional. Either

the ship's regular rig broke down or the operator is using the beam to keep anybody else from picking up his signal."

"Get to work on that decoder. Call back as soon as you get any results." The tech saluted and the screen went black.

"Whatever it is, it's probably trouble," said Krogson morosely. "Well, we'd better get on with this job. Take the fleet into atmosphere. It looks as if we are going to have to make a visual check."

"Maybe the prisoner can give us a lead," suggested the executive officer.

"Good idea. Have him brought in."

A moment later Kurt was ushered into the master control room. Krogson's eyes widened at the sight of his scalp lock and paint.

"Where in the name of the Galactic Spirit," he demanded, "did you get that rig?"

"Don't you recognize an Imperial Space Marine when you see one?" Kurt answered coldly.

The guard that had escorted Kurt in made a little twirling motion at his temple with one finger. Krogson took another look and nodded agreement.

"Sit down, son," he said in a fatherly tone. "We're trying to get you home, but you're going to have to give us a little help before we can do it. You see, we're not quite sure just where your base is."

"I'll help all I can," said Kurt.

"Fine!" said the commander, rubbing his palms together. "Now just where down there do you come from?" He pointed out the vision port to the curving globe that stretched out below.

Kurt looked down helplessly. "Nothing makes sense, seeing it from up here," he said apologetically.

Krogson thought for a moment. "What's the country like around your base?" he asked.

"Mostly jungle," said Kurt. "The garrison is on a plateau though and there are mountains to the north."

Krogson turned quickly to his exec. "Did you get that description?"

"Yes, sir!"

"Get all scouts out for a close sweep. As soon as the base is spotted, move the fleet in and hover at forty thousand!"

Forty minutes later a scout came streaking back.

"Found it, sir!" said the exec. "Plateau with jungle all around and mountains to the north. There's a settlement at one end.

The pilot saw movement down there but they must have spotted us on our way in. There's still no evidence of energy radiation. They must have everything shut down."

"That's not good!" said Krogson. "They've probably got all their heavy stuff set up waiting for us to sweep over. We'll have to hit them hard and fast. Did they spot the scout?"

"Can't tell, sir."

"We'd better assume that they did. Notify all gunnery officers to switch their batteries over to central control. If we come in fast and high and hit them with simultaneous fleet concentration, we can vaporize the whole base before they can take a crack at us."

"I'll send the order out at once, sir," said the executive officer.

The fleet pulled into tight formation and headed toward the Imperial base. They were halfway there when the fleet gunnery officer entered the control room and said apologetically to Commander Krogson, "Excuse me, sir, but I'd like to suggest a trial run. Fleet concentration is a tricky thing and if something went haywire—we'd be sitting ducks for the ground batteries."

"Good idea," said Krogson thoughtfully. "There's too much at stake to have anything go wrong. Select an equivalent target and we'll make a pass."

The fleet was now passing over a towering mountain chain.

"How about that bald spot down there?" said the Exec. pointing to a rocky expanse that jutted out from the side of one of the towering peaks.

"Good enough," said Krogson.

"All ships on central control!" reported the gunnery officer.

"On target!" reported the tech on the tracking screen. "One. Two. Three. Four—"

Kurt stood by the front observation port watching the ground below sweep by. He had been listening intently but what had been said didn't make sense. There had been something about *batteries*—the term was alien to him—and something about the garrison. He decided to ask the commander what it was all about but the intentness with which Krogson was watching the tracking screen deterred him. Instead he gazed moodily down at the mountains below him.

"Five. Six. Seven. Ready. FIRE!"

A savage shudder ran through the great ship as her ground-pointed batteries blasted in unison. Seconds went by and then sud-

denly the rocky expanse on the shoulder of the mountain directly below twinkled as blinding flashes of actinic light danced across it. Then as Kurt watched, great masses of rock and earth moved slowly skyward from the center of the spurting nests of tangled flame. Still slowly, as if buoyed up by the thin mountain air, the debris began to fall back again until it was lost from sight in quick rising mushrooms of jet-black smoke. Kurt turned and looked back toward Commander Krogson. *Batteries* must be things that had torn the mountains below apart. And *garrison*—there was only one garrison!

"I ordered fleet fire," barked Krogson. "This ship was the only one that cut loose. What happened?"

"Just a second, sir," said the executive officer, "I'll try and find out." He was busy for a minute on the intercom system. "The other ships were ready, sir," he reported finally. "Their guns were all switched over to our control but no impulse came through. Central fire control must be on the blink!" He gestured toward a complex bank of equipment that occupied one entire corner of the control room.

Commander Krogson said a few appropriate words. When he reached the point where he was beginning to repeat himself, he paused and stood in frozen silence for a good thirty seconds.

"Would you mind getting a fire control tech in here to fix that obscenity bank?" he asked in a voice that put everyone's teeth on edge.

The other seemed to have something to say but he was having trouble getting it out.

"Well?" said Krogson.

"Prime Base grabbed our last one two weeks ago. There isn't another left with the fleet."

"Doesn't look like much to me," said Kurt as he strolled over to examine the bank of equipment.

"Get away from there!" roared the commander. "We've got enough trouble without you making things worse."

Kurt ignored him and began to open inspection ports.

"Guard!" yelled Krogson. "Throw that man out of here!"

Ozaki interrupted timidly. "Beg pardon, commander, but he can fix it if anybody can."

Krogson whirled on the flight officer. "How do you know?"

Ozaki caught himself just in time. If he talked too much he was likely to lose the scout that Kurt had fixed up for him.

"Because he...eh...talks like a tech," he concluded lamely.

Krogson looked at Kurt dubiously. "I guess there's no harm in giving it a trial," he said finally. "Give him a set of tools and turn him loose. Maybe for once a miracle will happen."

"First," said Kurt, "I'll need the wiring diagrams for this thing."

"Get them!" barked the commander and an orderly scuttled out of the control, headed aft.

"Next you'll have to give me a general idea of what it's supposed to do," continued Kurt.

Krogson turned to the gunnery officer. "You'd better handle this."

When the orderly returned with the circuit diagrams, they were spread out on the plotting table and the two men bent over them.

"Got it!" said Kurt at last and sauntered over to the control bank. Twenty minutes later he sauntered back again.

"She's all right now," he said pleasantly.

The gunnery officer quickly scanned his testing board. Not a single red trouble light was on. He turned to Commander Krogson in amazement.

"I don't know how he did it, sir, but the circuits are all clear now."

Krogson stared at Kurt with a look of new respect in his eyes. "What were you down there, chief maintenance tech?"

Kurt laughed. "Me? I was never chief anything. I spent most of my time on hunting detail."

The commander digested that in silence for a moment. "Then how did you become so familiar with fire-control gear?"

"Studied it in school like everyone else does. There wasn't anything much wrong with that thing anyway except a couple of sticking relays."

"Excuse me, sir," interrupted the executive officer, "but should we make another trial run?"

"Are you sure the bank is in working order?"

"Positive, sir!"

"Then we'd better make straight for that base. If this boy here is a fair example of what they have down there, their defenses may be too tough for us to crack if we give them a chance to get set up!"

Kurt gave a slight start which he quickly

controlled. Then he had guessed right! Slowly and casually he began to side toward the semicircular bank of controls that stood before the great tracking screen.

"Where do you think you're going!" barked Krogson.

Kurt froze. His pulses were pounding within him but he kept his voice light and casual.

"No place," he said innocently.

"Get over against the bulkhead and keep out of the way!" snapped the commander. "We've got a job of work coming up."

Kurt injected a note of bewilderment into his voice.

"What kind of work?"

Krogson's voice softened and a look approaching pity came into his eyes. "It's just as well you don't know about it until it's over," he said gruffly.

"There she is!" sang out the navigator, pointing to a tiny brown projection that jutted up out of the green jungle in the far distance. "We're about three minutes out, sir. You can take over at any time now."

The fleet gunnery officer's fingers moved quickly over the keys that welded the fleet into a single instrument of destruction, keyed and ready to blast a barrage of ravening thunderbolts of molecular disruption down at the defenseless garrison at a single touch on the master fire-control button.

"Whenever you're ready, sir," he said deferentially to Krogson as he vacated the controls. A hush fell over the control room as the great tracking screen brightened and showed the compact bundle of white dots that marked the fleet crawling slowly toward the green triangle of the target area.

"Get the prisoner out of here," said Krogson. "There's no reason why he should have to watch what's about to happen."

The guard that stood beside Kurt grabbed his arm and shoved him toward the door.

There was a sudden explosion of fists as KURT erupted into action. In a blur of continuous movement he streaked toward the gunnery control panel. He was halfway across the control room before the pole axed guard hit the floor. There was a second of stunned amazement, and then before anyone could move to stop him, he stood beside the controls, one hand poised tensely above the master stud that controlled the combined fire of the fleet.

"Hold it!" he shouted as the moment of paralysis broke and several of the officers

started toward him menacingly. "One move and I'll blast the whole fleet into scrap!"

They stopped in shocked silence, looking to Commander Krogson for guidance.

"Almost on target, sir," called the tech on the tracking screen.

Krogson stalked menacingly toward Kurt. "Get away from those controls!" he snarled. "You aren't going to blow anything to anything. All that you can do is let off a premature blast. If you are trying to alert your base, it's no use. We can be on a return sweep before they have time to get ready for us."

Kurt shook his head calmly. "Wouldn't do you any good," he said. "Take a look at the gun ports on the other ships. I made a couple of minor changes while I was working on the control bank."

"Quit bluffing," said Krogson.

"I'm not bluffing," said Kurt quietly. "Take a look. It won't cost you anything."

"On target!" called the tracking tech.

"Order the fleet to circle for another sweep," snapped Krogson over his shoulder as he stalked toward the forward observation port. There was something in Kurt's tone that had impressed him more than he liked to admit. He squinted out toward the nearest ship. Suddenly his face blanched!

"The gun ports! They're still closed!"

Kurt gave a whistle of relief. "I had my fingers crossed," he said pleasantly. "You didn't give me enough time with the wiring diagrams for me to be sure that cutting out that circuit would do the trick. Now . . . guess what the results would be if I should happen to push down on this stud."

Krogson had a momentary vision of several hundred shells ramming their sensitive noses against the thick chrome steel of the closed gun ports.

"Don't bother trying to talk," said Kurt, noticing the violent contractions of the commander's Adam's apple. "You'd better save your breath for my colonel."

"Who?" demanded Krogson.

"My colonel," repeated Kurt. "We'd better head back and pick him up. Can you make these ships hang in one place or do they have to keep moving fast to stay up?"

The commander clamped his jaws together sullenly and said nothing.

Kurt made a tentative move toward the firing stud.

"Easy!" yelled the gunnery officer in alarm. "That thing has hair-trigger action!"

"Well?" said Kurt to Krogson.

"We can hover," grunted the other.

"Then take up a position a little to one side of the plateau." Kurt brushed the surface of the firing stud with a casual finger. "If you make me push this, I don't want a lot of scrap iron falling down on the battalions. Somebody might get hurt."

As the fleet came to rest above the plateau, the call light on the communication panel began to flash again.

"Answer it," ordered Kurt, "but watch what you say."

Krogson walked over and snapped on the screen.

"Communications, sir."

"Well?"

"It's that message we called you about earlier. We've finally got the decoder working—sort of, that is." His voice faltered and then stopped.

"What does it say?" demanded Krogson impatiently.

"We still don't know," admitted the tech miserably. "It's being decoded all right but it's coming out in a North Vegan dialect that nobody down here can understand. I guess there's still something wrong with the selector. All that we can figure out is that the message has something to do with General Carr and the Lord Protector."

"Want me to go down and fix it?" interrupted Kurt in an innocent voice.

Krogson whirled toward him, his ham-like hand clinching and unclenching in impotent rage.

"Anything wrong, sir?" asked the technician on the screen.

Kurt raised a significant eyebrow to the commander.

"Of course not," growled Krogson. "Go find somebody to translate that message and don't bother me until it's done."

A new face appeared on the screen.

"Excuse me for interrupting, sir, but

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translation won't be necessary. We just got a flash from Detection that they've spotted the ship that sent it. It's a small scout heading in on emergency drive. She should be here in a matter of minutes."

Krogson flipped off the screen impatiently. "Whatever it is, it's sure to be more trouble," he said to nobody in particular. Suddenly he became aware that the fleet was no longer in motion. "Well," he said sourly to Kurt, "we're here. What now?"

"Send a ship down to the garrison and bring Colonel Harris back up here so that you and he can work this thing out between you. Tell him that Dixon is up here and has everything under control."

Krogson turned to the executive officer. "All right," he said, "do what he says." The other saluted and started toward the door.

"Just a second," said Kurt, "if you have any idea of telling the boys outside to cut the transmission leads from fire control, I wouldn't advise it. It's a rather lengthy process and the minute a trouble light blinks on that board, up we go! Now on your way!"

CHAPTER XIV.

LIEUTENANT COLONEL BLICK, acting commander of the 427th Light Maintenance Battalion of the Imperial Space Marines stood at his office window and scowled down upon the whole civilized world, all twenty-six kilometers of it. It had been a hard day. Three separate delegations of mothers had descended upon him demanding that he reopen the Tech Schools for the sake of their sanity. The recruits had been roaming the company streets in bands composed of equal numbers of small boys

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and large dogs creating havoc wherever they went. He tried to cheer himself up by thinking of his forthcoming triumph when he in the guise of the Inspector General would float magnificently down from the skies and once and for all put the seal of final authority upon the new order. The only trouble was that he was beginning to have a sneaking suspicion that maybe that new order wasn't all that he had planned it to be. As he thought of his own six banshees screaming through quarters, his suspicion deepened almost to certainty.

He wandered back to his desk and slumped behind it gloomily. He couldn't backwater now, his pride was at stake. He glanced at the water clock on his desk, and then rose reluctantly and started toward the door. It was time to get into battle armor and get ready for the inspection.

As he reached the door, there was a sudden slap of running sandals down the hall. A second later Major Kane burst into the office, his face white and terrified.

"Colonel," he gasped, "the I.G.'s here!"

"Nonsense," said Blick. "I'm the I.G. now!"

"Oh yeah?" whimpered Kane. "Go look out the window. He's here and he's brought the whole Imperial fleet with him!"

Blick dashed to the window and looked up. High above, so high that he could see them only as silver specks, hung hundreds of ships.

"Headquarters *does* exist!" he gasped.

He stood stunned. What to do . . . what to do . . . what to do—The question swirled around in his brain until he was dizzy. He looked to Kane for advice but the other was as bewildered as he was.

"Don't stand there, man," he stormed. "Do something!"

"Yes, sir," said Kane. "What?"

Blick thought for a long silent moment. The answer was obvious but there was a short, fierce inner struggle before he could bring himself to accept it.

"Get Colonel Harris up here at once. He'll know what we should do."

A stubborn look came across Kane's face "We're running things now," he said angrily.

Blick's face hardened and he let out a roar that shook the walls. "Listen, you pup, when you get an order you follow it. Now get!"

Forty seconds later Colonel Harris stormed into the office. "What kind of a

mess have you got us into this time?" he demanded.

"Look up there, sir," said Blick, leading him to the window.

Colonel Harris snapped back into command as if he'd never left it.

"Major Kane!" he shouted.

Kane popped into the office like a frightened rabbit.

"Evacuate the garrison at once! I want everyone off the plateau and into the jungle immediately. Get litters for the sick and the veterans who can't walk and take them to the hunting camps. Start the rest moving north as soon as you can."

"Really, sir," protested Kane, looking to Blick for a cue.

"You heard the colonel," barked Blick. "On your way!" Kane bolted.

Colonel Harris turned to Blick and said in a frosty voice: "I appreciate your help, colonel, but I feel perfectly competent to enforce my own orders."

"Sorry, sir," said the other meekly. "It won't happen again."

Harris smiled. "O.K., Jimmie," he said, "let's forget it. We've got work to do!"

CHAPTER XV.

It seemed to Kurt as if time was standing still. His nerves were screwed up to the breaking point and although he maintained an air of outward composure for the benefit of those in the control room of the flagship, it took all his will power to keep the hand that was resting over the firing stud from quivering. One slip and they'd be on him. Actually it was only a matter of minutes between the time the scout was dispatched to the garrison below and the time it returned, but to him it seemed as if hours had passed before the familiar form of his commanding officer strode briskly into the control room.

Colonel Harris came to a halt just inside the door and swept the room with a keen penetrating gaze.

"What's up, son?" he asked Kurt.

"I'm not quite sure. All that I know is that they're here to blast the garrison. As long as I've got control of this," he indicated the firing stud, "I'm top dog, but you'd better work something out in a hurry."

The look of strain on Kurt's face was enough for the colonel.

"Who's in command here?" he demanded.

Krogson stepped forward and bowed stiffly. "Commander Conrad Krogson of

War Base Three of the Galactic Protectorate."

"Colonel Marcus Harris, 427th Light Maintenance Battalion of the Imperial Space Marines," replied the other briskly. "Now that the formalities are out of the way, let's get to work. Is there some place here where we can talk?"

Krogson gestured toward a small cubicle that opened off the control room. The two men entered and shut the door behind them.

A half hour went by without agreement. "There may be an answer somewhere," Colonel Harris said finally, "but I can't find it. We can't surrender to you, and we can't afford to have you surrender to us. We haven't the food, facilities, or anything else to keep fifty thousand men under guard. If we turn you loose, there's nothing to keep you from coming back to blast us—except your word, that is, and since it would obviously be given under duress, I'm afraid that we couldn't attach much weight to it. It's a nice problem. I wish we had more time to spend on it but unless you can come up with something workable during the next few minutes, I'm going to have to give Kurt orders to blow the fleet."

Krogson's mind was operating at a furious pace. One by one he snatched at possible solutions, and one by one he gave them up as he realized that they would never stand up under the scrutiny of the razor-sharp mind that sat opposite him.

"Look," he burst out finally, "your empire is dead and our protectorate is about to fall apart. Give us a chance to come down and join you and we'll chuck the past. We need each other and you know it!"

"I know we do," said the colonel soberly, "and I rather think you are being honest with me. But we just can't take the chance. There are too many of you for us to digest and if you should change your mind—" He threw up his hands in a helpless gesture.

"But I wouldn't," protested Krogson. "You've told me what your life is like down there and you know what kind of a rat race I've been caught up in. I'd welcome the chance to get out of it. All of us would!"

"You might to begin with," said Harris, "but then you might start thinking what your Lord Protector would give to get his hands on several trained technicians. No, commander," he said, "we just couldn't chance it." He stretched his hand out to

Krogson and the other after a second's hesitation took it.

Commander Krogson had reached the end of the road and he knew it. The odd thing about it was that now he found himself there, he didn't particularly mind. He sat and watched his own reactions with a sense of vague bewilderment. The strong drive for self-preservation that had kept him struggling ahead for so long was petering out and there was nothing to take its place. He was immersed in a strange feeling of emptiness and though a faint something within him said that he should go out fighting, it seemed pointless and without reason.

Suddenly the moment of quiet was broken. From the control room came a muffled sound of angry voices and scuffling feet. With one quick stride Colonel Harris reached the door and swung it open. He was almost bowled over by a small disheveled figure who darted past him into the cubicle. Close behind came several of the ship's officers. As the figure came to a stop before Commander Krogson, he grabbed him and started to drag him back into the control room.

"Sorry, sir," one of them said to Krogson, "but he came busting in demanding to see you at once. He wouldn't tell us why and when we tried to stop him, he broke away."

"Release him!" ordered the commander. He looked sternly at the little figure. "Well, Schninkle," he said sternly, "what is it this time?"

"Didn't you get my message?" quavered the little man.

Krogson snorted. "So it was you in that scout! I might have known it. We got it all right but Communication still hasn't got it figured out. What are you doing out here? You're supposed to be back at base keeping knives out of my back!"

"It's private, sir," said Schninkle.

"The rest of you clear out!" ordered Krogson. A second later, with the exception of Colonel Harris, the cubicle stood empty. Schninkle looked questioningly at the oddly uniformed officer.

"Couldn't put him out if I wanted to," said Krogson, "Now go ahead."

Schninkle closed the door carefully and then turned to the commander and said in a hushed voice, "There's been a blowup at Prime Base. General Carr was hiding out there after all. He hit at noon yesterday. He had two-thirds of the Elite Guard

secretly on his side and the Lord Protector didn't have a chance. He tried to run but they chopped him down before he got out of atmosphere."

Krogson digested the news in silence for a moment. "So the Lord Protector is dead." He laughed bitterly. "Well, long live the Lord Protector!" He turned slowly to Colonel Harris. "I guess this lets us both off. Now that the heat's off me, you're safe. Call off your boy out there and we'll make ourselves scarce. I've got to get back to the new Lord Protector to pay my respects. If some of my boys get to Carr first, I'm apt to be out of a job."

Harris shook his head. "It isn't as simple as that. Your new leader needs technicians as much as your old one did. I'm afraid we are still back where we started."

As Krogson broke into an impatient denial, Schninkle interrupted him. "You can't go back, commander. None of us can. Carr has the whole staff down on his 'out' list. He's making a clean sweep of all possible competition. We'd all be under arrest now if he knew where we were!"

Krogson gave a slow whistle. "Doesn't leave me much choice, does it?" he said to Colonel Harris. "If you don't turn me loose I get blown up, if you do I get shot down."

Schninkle looked puzzled. "What's up, sir?" he asked.

Krogson gave a bitter laugh. "In case you didn't notice on your way in, there is a young man sitting at the fire controls out there who can blow up the whole fleet at the touch of a button. Down below is an ideal base with hundreds of techs, but the colonel here won't take us in and he's afraid to let us go."

"I wouldn't," admitted Harris, "but the last few minutes have rather changed the picture. My empire has been dead for five hundred years and your protectorate doesn't seem to want you around any more. It looks like we're both out of a job. Maybe we both ought to try to find a new one. What do you think?"

"I don't know what to think," said Krogson. "I can't go back and I can't stay here, and there isn't any place else. The fleet can't keep going without a base."

A broad grin came over the face of Colonel Harris. "You know," he said, "I've got a hunch that maybe we can do business after all. Come on!" He threw open the cubicle door and strode briskly into the control room, Krogson and Schninkle following close at his heels. He walked over

to Kurt who was still poised stiffly at the fire-control board.

"You can relax now, lad. Everything is under control."

Kurt gave a sigh of relief and pulling himself to his feet, stretched luxuriantly. As the other officers saw the firing stud deserted, they tensed and looked to Commander Krogson questioningly. He frowned for a second and then slowly shook his head.

"Well?" he said to Colonel Harris.

"It's obvious," said the other, "you've a fleet, a darn good fleet, but it's falling apart for lack of decent maintenance. I've got a base down there with five thousand lads who can think with their fingers. This knucklehead of mine is a good example." He walked over to Kurt and slapped him affectionately on the shoulder. "There's nothing on this ship that he couldn't tear down and put back together blindfolded if he was given a little time to think about it. I think he'll enjoy having some real work to do for a change."

"I may seem dense," said Krogson with a bewildered expression on his face, "but wasn't that the idea that I was trying to sell you?"

"The idea is the same," said Harris "but the context isn't. You're in a position now where you have to co-operate. That makes a difference. A big difference!"

"It sounds good," said Krogson, "but now you're overlooking something. Carr will be looking for me. We can't stand off the whole galaxy!"

Schninkle interrupted. "You're overlooking something too, sir. He hasn't the slightest idea where we are. It will be months before he has things well enough under control to start an organized search for us. When he does his chances of ever spotting the fleet are mighty slim if we take reasonable precautions. Remember that it was only by a fluke that we ever happened to spot this place to begin with."

As he talked a calculating look came into his eyes. "A year of training and refitting here and there wouldn't be a fleet in the galaxy that could stand against us." He casually edged over until he occupied a position between Kurt and the fire-control board. "If things went right, there's no

reason why you couldn't become Lord Protector, commander."

A flash of the old fire stirred within Krogson and then quickly flickered out. "No, Schninkle," he said heavily. "That's all past now. I've had enough. It's time to try something new."

"In that case," said Colonel Harris, "let's begin! Out there a whole galaxy is breaking up. Soon the time will come when a strong hand is going to be needed to piece it back together and put it in running order again. You know," he continued reflectively, "the name of the old empire still has a certain magic to it. It might not be a bad idea to use it until we are ready to move on to something better."

He walked silently to the vision port and looked down on the lush greenness spreading far below. "But whatever we call ourselves," he continued slowly, half talking to himself, "we have something to work for now." A quizzical smile played over his lips and his wise old eyes seemed to be scanning the years ahead. "You know, Kurt; there's nothing like a visit from the Inspector General once in a while to keep things in line. The galaxy is a big place but when the time comes, we'll make our rounds!"

CHAPTER XVI.

ON the parade ground behind the low buildings of the garrison, the 427th Light Maintenance Battalion of the Imperial Space Marines stood in rigid formation, the feathers of their war bonnets moving slightly in the little breeze that blew in from the west and their war paint glowing redly in the slanting rays of the setting sun.

A quiver ran through the hard surface soil of the plateau as the great mass of the fleet flagship settled down ponderously to rest. There was a moment of expectant silence as a great port clanged open and a gangplank extended to the ground. From somewhere within the ship a fanfare of trumpets sounded. Slowly and with solemn dignity, surrounded by his staff, Conrad Krogson, Inspector General of the Imperial Space Marines, advanced to review the troops.

BLOOD BANK

By WALTER M. MILLER, JR.

A "feral" animal is one which has been domesticated, and has then returned to the wild. They're more dangerous than a mere wild beast; they know and hate men. But a feral civilization...

THE colonel's secretary heard clomping footsteps in the corridor and looked up from her typing. The footsteps stopped in the doorway. A pair of jet-black eyes bored through her once, then looked away. A tall, thin joker in a space commander's uniform stalked into the reception room, sat in the corner, and folded his hands stiffly in his lap. The secretary arched her plucked brows. It had been six months since a visitor had done that—walked in without saying boo to the girl behind the rail.

"You have an appointment, sir?" she asked with a professional smile.

The man nodded curtly but said nothing. His eyes flickered toward her briefly, then returned to the wall. She tried to decide whether he was angry or in pain. The black eyes burned with cold fire. She checked the list of appointments. Her smile disappeared, to be replaced by a tight-lipped expression of scorn.

"You're Space Commander Eli Roki?" she asked in an icy tone.

Again the curt nod. She gazed at him steadily for several seconds. "Colonel Beth will see you in a few minutes." Then her typewriter began clattering with sharp sounds of hate.

The man sat quietly, motionlessly. The colonel passed through the reception room once and gave him a brief nod. Two majors came in from the corridor and entered the colonel's office without looking at him. A few moments later, the intercom crackled, "Send Roki in, Dela. Bring your pad and come with him."

The girl looked at Roki, but he was already on his feet, striding toward the door. Evidently he came from an unchivalrous planet; he opened the door without looking at her and let her catch it when it started to slam.

Chubby, elderly Colonel Beth sat waiting behind his desk, flanked by the pair of majors. Roki's bearing as he approached and saluted was that of the professional soldier, trained from birth for the military.

"Sit down, Roki."

The tall space commander sat at attention and waited, his face expressionless, his eyes coolly upon the colonel's forehead. Beth shuffled some papers on his desk, then spoke slowly.

"Before we begin, I want you to understand something, commander."

"Yes, sir."

"You are not being tried. This is not a court-martial. There are no charges against you. Is that clear?"

"Yes, sir."

The colonel's pale eyes managed to look at Roki's face without showing any contempt. "This investigation is for the record, and for the public. The incident has already been investigated, as you know. But the people are aroused, and we have to make a show of some kind."

"I understand, sir."

"Then let's begin. Dela, take notes, please." The colonel glanced at the papers before him. "Space Commander Roki, will you please tell us in your own words what happened during patrol flight Sixty-one on fourday sixmonth, year eighty-seven?"

There was a brief silence. The girl was staring at the back of Roki's neck as if she longed to attack it with a hatchet. Roki's thin face was a waxen mask as he framed his words. His voice came calm as a bell and clear.

"The flight was a random patrol. We blasted off Jod VII at thirteen hours, Universal Patrol Time, switched on the high-C drive, and penetrated to the ten-thousandth level of the C'th component. We re-entered the continuum on the outer patrol radius at thirty-six degrees theta and two-hundred degrees psi. My navigator threw the dice to select a random course. We were to proceed to a point on the same co-ordinate shell at thirty theta and one-fifty psi. We began—"

The colonel interrupted. "Were you aware at the time that your course would intersect that of the mercy ship?"

The girl looked up again. Roki failed to

wince at the question. "I was aware of it, sir."

"Go on."

"We proceeded along the randomly selected course until the warp detectors warned us of a ship. When we came in range, I told the engineer to jockey into a parallel course and to lock the automatics to *keep* us parallel. When that was accomplished, I called the unknown freighter with the standard challenge."

"You saw its insignia?"

"Yes, sir. The yellow mercy star."

"Go on. Did they answer your challenge?"

"Yes, sir. The reply, decoded, was: Mercy liner Sol-G-6, departure Sol III, destination Jod VI, cargo emergency surgibank supplies, Cluster Request A-4-J."

Beth nodded and watched Roki with clinical curiosity. "You knew about the Jod VI disaster? That twenty thousand casualties were waiting in Suspendfreeze lockers for those supplies?"

"Yes, sir. I'm sorry they died."

"Go on with your account."

"I ordered the navigator to throw the dice again, to determine whether or not the freighter should be boarded for random cargo inspection. He threw a twelve, the yes-number. I called the freighter again, ordered the outer locks opened. It failed to answer, or respond in any way."

"One moment. You explained the reason for boarding? Sol is on the outer rim of the galaxy. It doesn't belong to any cluster system. Primitive place—or regressed. They wouldn't understand our ways."

"I allowed for that, sir," continued the cold-faced Roki. "I explained the situation, even read them extracts of our patrol regs. They failed to acknowledge. I thought perhaps they were out of contact, so I had the message repeated to them by blinker. I know they got it, because the blinker-operator acknowledged the message. Evidently carried it to his superiors. Apparently they told him to ignore us, because when we blinked again, he failed to acknowledge. I then attempted to pull alongside and attach to their hull by magnetic grapples."

"They resisted?"

"Yes, sir. They tried to break away by driving to a higher C-level. Our warp was already at six-thousand C's. The mass-components of our star cluster at that level was just a collapsing gas cloud. Of course, with our automatic trackers, they just dragged us with them, stalled, and plunged the other way. They pulled us down to the

quarter-C level; most of the galaxy was at the red-dwarf stage. I suppose they realized then that they couldn't get away from us like that. They came back to a sensible warp and continued on their previous course."

"And you did what?"

"We warned them by every means of communication at our disposal, read them the standard warning."

"They acknowledge?"

"Once, sir. They came back to say: This is an emergency shipment. We have orders not to stop. We are continuing on course, and will report you to authority upon arrival." Roki paused, eyeing the colonel doubtfully. "May I make a personal observation, sir?"

Beth nodded tolerantly. "Go ahead."

"They wasted more time dodging about in the C'th component than they would have lost if they had allowed us to board them. I regarded this behaviour as highly suspicious."

"Did it occur to you that it might be due to some peculiarity in Sol III's culture? Some stubbornness, or resentment of authority?"

"Yes, sir."

"Did you ask opinions of your crew?"

A slight frown creased Roki's high forehead. "No, sir."

"Why not?"

"Regulation does not require it, sir. My personal reason—the cultural peculiarities of my planet."

The barb struck home. Colonel Beth knew the military culture of Roki's world—Coph IV. Military rank was inherited. On his own planet, Roki was a nobleman and an officer of the war-college. He had been taught to rely upon his own decisions and to expect crisp, quick obedience. The colonel frowned at his desk.

"Let's put it this way: Did you *know* the opinions of the crew?"

"Yes, sir. They thought that we should abandon the pursuit and allow the freighter to continue. I was forced to confine two of them to the brig for insubordination and attempted mutiny." He stopped and glanced at one of the majors. "All due apologies to you, sir."

The major flushed. He ranked Roki, but he had been with the patrol as an observer, and despite his higher rank, he was subject to the ship commander's authority while in space. He had also been tossed in the

brig. Now he glared at the Cophian space commander without speaking.

"All right, commander, when they refused to halt, what did you do?"

"I withdrew to a safe range and fired a warning charge ahead of them. It exploded in full view of their scopes, dead ahead. They ignored the warning and tried to flee again."

"Go on."

Roki's shoulders lifted in the suggestion of a shrug. "In accordance with Article Thirty of the Code, I shot them out of space."

The girl made a choking sound. "And over ten thousand people died on Jod VI because you—"

"*That will do, Dela!*" snapped Colonel Beth.

There was a long silence. Roki waited calmly for further questioning. He seemed unaware of the girl's outburst. The colonel's voice came again with a forced softness.

"You examined the debris of the destroyed vessel?"

"Yes, sir."

"What did you find?"

"Fragments of quick-frozen bone, blood plasma, various bodily organs and tissues in cultured or frozen form, prepared for surgical use in transplanting operations; in other words, a complete stock of surgibank supplies, as was anticipated. We gathered up samples, but we had no facilities for preserving what was left."

The colonel drummed his fingers. "You said 'anticipated.' Then you knew full well the nature of the cargo, and you did not suspect contraband material of any kind?"

Roki paused. "I suspected contraband, colonel," he said quietly.

Beth lifted his eyebrows in surprise. "You didn't say that before."

"I was never asked."

"Why didn't you say it anyway?"

"I had no proof."

"Ah, yes," murmured the colonel. "The culture of Coph IV again. Very well, but in examining the debris, you found no evidence of contraband?" The colonel's distasteful expression told the room that he knew the answer, but only wanted it on the record.

But Roki paused a long time. Finally, he said, "No evidence, sir."

"Why do you hesitate?"

"Because I still suspect an illegality—without proof, I'm afraid."

This time, the colonel's personal feelings

betrayed him in a snort of disgust. He shuffled his papers for a long time, then looked at the major who had accompanied the patrol. "Will you confirm Roki's testimony, major? Is it essentially truthful, as far as you know?"

The embarrassed officer glared at Roki in undisguised hatred. "For the record, sir—I think the commander behaved disgracefully and insensibly. The results of the stoppage of vitally needed supplies prove—"

"I didn't ask for a moral judgment!" Beth snapped. "I asked you to confirm what he has said here. Were the incidents as he described them?"

The major swallowed hard. "Yes, sir."

The colonel nodded. "Very well. I'll ask your opinions, gentlemen. Was there an infraction of regulations? Did Commander Roki behave as required by Space Code, or did he not? Yes or no, please. Major Tuli?"

"No direct infraction, sir, but—"

"No *buts!* Major Go'an?"

"Uh—no infraction, sir."

"I find myself in agreement." The colonel spoke directly at Dela's note pad. "The ultimate results of the incident were disastrous, indeed. And, Roki's action was unfortunate, ill-advised, and not as the Sixty Star Patrol would approve. Laws, codes, regulations are made for men, not men for regulations. Roki observed the letter of the law, but was perhaps forgetful of its spirit. However, no charge can be found against him. This investigating body recommends that he be temporarily grounded without prejudice, and given thorough physical and mental examinations before being returned to duty. That brings us to an end, gentlemen. Dela, you may go."

With another glare at the haughty Cophian, the girl stalked out of the room. Beth leaned back in his chair, while the majors saluted and excused themselves. His eyes kept Roki locked in his chair. When they were alone, Beth said:

"You have anything to say to me off the record?"

Roki nodded. "I can submit my resignation from the patrol through your office, can't I, sir?"

Beth smiled coldly. "I thought you'd do that, Roki." He opened a desk drawer and brought out a single sheet of paper. "I took the liberty of having it prepared for your signature. Don't misunderstand. I'm not urging you to resign, but we're prepared to accept it if you choose to do so."

If you don't like this standard form, you may prepare your own."

The jet-eyed commander took the paper quickly and slashed his name quickly across the bottom. "Is this effective immediately, sir?"

"In this case, we can make it so."

"Thank you, sir."

"Don't regard it as a favor." The colonel witnessed the signature.

The Cophian could not be stung. "May I go now?"

Beth looked up, noticing with amusement that Roki—now a civilian—had suddenly dropped the "sir." And his eyes were no longer cold. They were angry, hurt, despairing.

"What makes you Cophians tick anyway?" he murmured thoughtfully.

Roki stood up. "I don't care to discuss it with you, colonel. I'll be going now."

"Wait, Roki." Beth frowned ominously to cover whatever he felt.

"I'm waiting."

"Up until this incident, I liked you, Roki. In fact, I told the general that you were the most promising young officer in my force."

"Kind of you," he replied tonelessly.

"And you could have been sitting at this desk, in a few years. You hoped to, I believe."

A curt nod, and a quick glance at Beth's shoulder insignia.

"You chose your career, and now you don't have it. I know what it means to you."

A tightening of the Cophian's jaw told the colonel that he wanted no sympathy, but Beth continued.

"Since this is the oldest, most established, most static planet in the Cluster, you're out of a job in a place where there's no work."

"That's none of your business, colonel," Roki said quietly.

"According to my culture's ethics it *is* my business," he bellowed. "Of course you Cophians think differently. But we're not quite so cold. Now you listen: I'm prepared to help you a little, although you're probably too pig-headed to accept. God knows, you don't deserve it anyway."

"Go on."

"I'm prepared to have a partol ship take you to any planet in the galaxy. Name it, and we'll take you there." He paused. "All right, go ahead and refuse. Then get out."

Roki's thin face twitched for a moment.

Then he nodded. "I'll accept. Take me to Sol III."

The colonel got his breath again slowly. He reddened and chewed his lip. "I did say galaxy, didn't I? I meant . . . well . . . you know we can't send a military ship outside the Sixty-Star Cluster."

Roki waited impassively, his dark eyes measuring the colonel.

"Why do you want to go *there*?"

"Personal reasons."

"Connected with the mercy ship incident?"

"The investigation is over."

Beth pounded his desk. "It's crazy, man! Nobody's been to Sol for a thousand years. No reason to go. Sloppy, decadent place. I never suspected *they'd* answer Jod VI's plea for surgibank supplies!"

"Why not? They were *selling* them."

"Of course. But I doubted that Sol still had ships, especially C-drive ships. Only contribution Sol ever made to the galaxy was to spawn the race of Man—if you believe that story. It's way out of contact with any interstellar nation. I just don't get it."

"Then you restrict your offer, colonel?"

Roki's eyes mocked him.

Beth sighed. "No, no—I *said* it. I'll do it. But I can't send a patrol ship that far. I'll have to pay your way on a private vessel. We can find some excuse—exploration maybe."

Roki's eyes flickered sardonically. "Why not send a diplomatic delegation—to apologize to Sol for the blasting of their mercy ship."

"Uk! With *YOU* aboard?"

"Certainly. They don't know me."

Beth just stared at Roki as if he were of a strange species.

"You'll do it?" urged Roki.

"I'll think it over. I'll see that you get there, if you insist on going. Now get out of here. I've had enough of you, Roki."

The Cophian was not offended. He turned on his heel and left the office. The girl looked up from her filing cabinets as he came out. She darted ahead of him and blocked the doorway with her small tense body. Her face was a white mask of disgust, and she spoke between her teeth.

"How does it feel to murder ten thousand people and get away with it?" she hissed.

Roki looked at her face more closely and saw the racial characteristics of Jod VI—the slightly oversized irises of her yellow brown eyes, the thin nose with flaring nostrils, the

pointed jaw. Evidently some of her relatives had died in the disaster and she held him personally responsible. He had destroyed the help that was on its way to casualties.

"How does it feel?" she demanded, her voice going higher, and her hands clenching into weapons.

"Would you step aside please, Miss?"

A quick hand slashed out to rake his cheek with sharp nails. Pain seared his face. He did not move. Two bright stripes of blood appeared from his eye to the corner of his mouth. A drop trickled to the point of his chin and splattered down upon the girl's shoe.

"On my planet," he said, in a not unkindly tone, "when a woman insists on behaving like an animal, we assist her—by having her flogged naked in the public square. I see personal dignity is not so highly prized here. You do not regard it as a crime to behave like an alley cat?"

Her breath gushed out of her in a sound of rage, and she tore at the wounds again. Then, when he did nothing but look at her coldly, she fled.

Eli Roki, born to the nobility of Coph, dedicated to the service of the Sixty-Star Cluster, suddenly found himself something of an outcast. As he strode down the corridor away from Beth's office, he seemed to be walking into a thickening fog of desolation. He had no home now; for he had abdicated his hereditary rights on Coph in order to accept a commission with the SSC Patrol. That, too, was gone; and with it, his career.

He had known from the moment he pressed the firing stud to blast the mercy freighter that unless the freighter proved to be a smuggler, his career would be forfeit. He was still morally certain that he had made no mistake. Had the freighter been carrying any other cargo, he would have been disciplined for *not* blasting it. And, if they had had nothing to hide, they would have stopped for inspection. Somewhere among Sol's planets lay the answer to the question—"What else was aboard besides the cargo of mercy?"

Roki shivered and stiffened his shoulders as he rode homeward in a heliocab. If the answer to the question were "nothing," then according to the code of his planet, there was only one course left to follow. "The Sword of Apology" it was called.

He waited in his quarters for the colonel to fulfill his promise. On the following day, Beth called.

"I've found a Dalethian ship, Roki. Privately owned. Pilot's willing to fly you out of the Cluster. It's going as an observation mission—gather data on the Sol System. The commissioners vetoed the idea of sending a diplomatic delegation until we try to contact Solarians by high-C radio."

"When do I leave?"

"Be at the spaceport tonight. And good luck, son. I'm sorry all this happened, and I hope—"

"Yeah, thanks."

"Well—"

"Well?"

The colonel grunted and hung up. Ex-Commander Roki gathered up his uniforms and went looking for a pawn shop. "Hock 'em, or sell 'em?" asked a bald man behind the counter. Then he peered more closely at Roki's face, and paused to glance at a picture on the front page of the paper. "Oh," he grunted, "you. You wanna sell 'em." With a slight sneer, he pulled two bills from his pocket and slapped them on the counter with a contemptuous take-it-or-leave-it stare. The clothing was worth at least twice as much. Roki took it after a moment's hesitation. The money just matched the price tag on a sleek, snub-nosed Multin automatic that lay in the display case.

"And three hundred rounds of ammunition," he said quietly as he pocketed the weapon.

The dealer sniffed. "It only takes one shot, bud—for what *you* need to do."

Roki thanked him for the advice and took his three hundred rounds.

He arrived at the spaceport before his pilot and went to inspect the small Dalethian freighter that would bear him to the rim of the galaxy. His face clouded as he saw the pitted hull and the glaze of fusion around the lips of the jet tubes. Some of the ground personnel had left a Geiger hanging on the stern, to warn wanderers to keep away. Its dial indicator was fluttering in the red. He carried it into the ship. The needle dropped to a safe reading in the control cabin, but there were dangerous spots in the reactor room. Angrily he went to look over the controls.

His irritation grew. The ship—aptly named the *Idiot*—was of ancient vintage, without the standard warning systems or safety devices, and with no armament other than its ion guns. The fifth dial of its position indicator was calibrated only to one hundred thousand C's, and was red-lined



at ninety thousand. A modern service-ship, on the other hand, could have penetrated to a segment of five-space where light's velocity was constant at one hundred fifty thousand C's and could reach Sol in two months. The *Idiot* would need five or six, if it could make the trip at all. Roki doubted it. Under normal circumstances, he would

hesitate to use the vessel even within the volume of the Sixty-Star Cluster.

He thought of protesting to Beth, but realized that the colonel had fulfilled his promise, and would do nothing more. Grumbling, he stowed his gear in the cargo hold, and settled down in the control room to doze in wait for the pilot.

A sharp whack across the soles of his boots brought him painfully awake. "Get your feet off the controls!" snapped an angry voice.

Roki winced and blinked at a narrow frowning face with a cigar clenched in its teeth. "And get out of that chair!" the face growled around its cigar.

His feet stung with pain. He hissed a snarl and bounded to his feet; grabbing a handful of the intruder's shirt-front, he aimed a punch at the cigar—then stayed the fist in midair. Something felt wrong about the shirt. Aghast, he realized there was a woman inside it. He let go and reddened. "I . . . I thought you were the pilot."

She eyed him contemptuously as she tucked in her shirt. "I am, Doc." She tossed her hat on the navigation desk, revealing a close-cropped head of dark hair. She removed the cigar from her face, neatly pinched out the fire, and filed the butt in the pocket of her dungarees for a rainy day. She had a nice mouth, with the cigar gone, but it was tight with anger.

"Stay out of my seat," she told him crisply, "and out of my hair. Let's get that straight before we start."

"This . . . this is *your* tub?" he gasped.

She stalked to a panel and began punching settings into the courser. "That's right. I'm Daleth Shipping Incorporated. Any comments?"

"You expect this wreck to make it to Sol?" he growled.

She snapped him a sharp, green-eyed glance. "Well listen to the free-ride! Make your complaint to the colonel, fellow. I don't expect anything, except my pay. I'm willing to chance it. Why shouldn't you?"

"The existence of a fool is not necessarily a proof of the existence of two fools," he said sourly.

"If you don't like it, go elsewhere." She straightened and swept him with a clinical glance. "But as I understand it, *you* can't be too particular."

He frowned. "Are you planning to make *that* your business?"

"Uh-uh! You're nothing to me, fellow. I don't care who I haul, as long as it's legal. Now do you want a ride, or don't you?"

He nodded curtly and stalked back to find quarters. "Stay outa my cabin," she bellowed after him.

Roki grunted disgustedly. The pilot was typical of Daleth civilization. It was still a

rough, uncouth planet with a thinly scattered population, a wild frontier, and growing pains. The girl was the product of a wildly expanding, tough fisted culture with little respect for authority. It occurred to him immediately that she might be thinking of selling him to the Solarian officials—as the man who blasted the mercy ship.

"Prepare to lift," came the voice of the intercom. "Two minutes before blast-off."

Roki suppressed an urge to scramble out of the ship and call the whole thing off. The rockets belched, coughed, and then hissed faintly, idling in wait for a command. Roki stretched out on his bunk, for some of these older ships were rather rough on blast-off. The hiss became a thunder, and the *Idiot* moved skyward—first slowly, then with a spurt of speed. When it cleared the atmosphere, there was a sudden lurch as it shed the now-empty booster burners. There was a moment of dead silence, as the ship hovered without power. Then the faint shriek of the ion streams came to his ears—as the ion drive became useful in the vacuum of space. He glanced out the port to watch the faint streak of luminescence focus into a slender needle of high-speed particles, pushing the *Idiot* ever higher in a rush of acceleration.

He punched the intercom button. "Not bad, for a Dalethian," he called admiringly.

"Keep your opinions to yourself," growled Daleth Incorporated.

The penetration to higher C-levels came without subjective sensation. Roki knew it was happening when the purr from the reactor room went deep-throated and when the cabin lights went dimmer. He stared calmly out the port, for the phenomenon of penetration never ceased to thrill him.

The transition to high-C began as a blue-shift in the starlight. Distant, dull-red stars came slowly brighter, whiter—until they burned like myriad welding arcs in the black vault. They were not identical with the stars of the home continuum, but rather, projections of the same star-masses at higher C-levels of five-space, where the velocity of light was gradually increasing as the *Idiot* climbed higher in the C-component.

At last he had to close the port, for the starlight was becoming unbearable as its wave-length moved into the ultra-violet and the X-ray bands. He watched on a fluorescent viewing screen. The projective star-masses were flaring into supernovae, and the changing continuums seemed to be collapsing toward the ship in the blue-shift

of the cosmos. As the radiant energy increased, the cabin became warmer, and the pilot set up a partial radiation screen.

At last the penetration stopped. Roki punched the intercom again. "What level are we on, Daleth?"

"Ninety thousand," she replied curtly.

Roki made a wry mouth. She had pushed it up to the red line without a blink. It was O.K.—if the radiation screens held out. If they failed to hold it, the ship would be blistered into a drifting dust cloud.

"Want me to navigate for you?" he called.

"I'm capable of handling my own ship," she barked.

"I'm aware of that. But I have nothing else to do. You might as well put me to work."

She paused, then softened a little. "O.K., come forward."

She swung around in her chair as he entered the cabin, and for the first time he noticed that, despite the close-cropped hair and the dungarees and the cigar-smoking, she was quite a handsome girl—handsome, proud, and highly capable. Daleth, the frontier planet, bred a healthy if somewhat unscrupulous species.

"The C-maps are in that case," she said, jerking her thumb toward a filing cabinet. "Work out a course for maximum radiant thrust."

Roki frowned. "Why not a least-time course?"

She shook her head. "My reactors aren't too efficient. We need all the boost we can get from external energy. Otherwise we'll have to dive back down for fuel."

Worse and worse!—Roki thought as he dragged out the C-maps. Flying this boat to Sol would have been a feat of daring two centuries ago. Now, in an age of finer ships, it was a feat of idiocy.

Half an hour later, he handed her a course plan that would allow the *Idiot* to derive about half of its thrust from the variations in radiation pressure from the roaring inferno of the high-level cosmos. She looked it over without change of expression, then glanced at him curiously, after noting the time.

"You're pretty quick," she said.

"Thank you."

"You're hardly stupid. Why did you pull such a boner?"

Roki stiffened. "I thought you planned to regard that as none of your business."

She shrugged and began punching course-settings into the courser. "Sorry, I forgot."

Still angry, he said, "I don't regard it as a boner. I'd do it again."

She shrugged again and pretended a lack of interest.

"Space-smuggling could be the death of the galaxy," he went on. "That's been proven. A billion people once died on Tau II because somebody smuggled in a load of non-Tauian animals—for house pets. I did only what history has proven best."

"I'm trying to mind my own business," she growled, eyeing him sourly.

Roki fell silent and watched her reshape the radiation screen to catch a maximum of force from the flare of energy that blazed behind them. Roki was not sure that he wanted her to mind her own business. They would have to bear each other's presence for several months, and it would be nice to know how things stood.

"So you think it was a stupid boner," he continued at last. "So does everyone else. It hasn't been very pleasant."

She snorted scornfully as she worked. "Where I come from, we don't condemn fools. We don't need to. They just don't live very long, not on Daleth."

"And I am a fool, by your code?"

"How should I know? If you live to a ripe old age and get what you want, you probably aren't a fool."

And *that*, thought Roki, was the Dalethian golden rule. If the universe lets you live, then you're doing all right. And there was truth in it, perhaps. Man was born with only one right—the right to a chance at proving his fitness. And that right was the foundation of every culture, even though most civilized worlds tried to define "fitness" in terms of cultural values. Where life was rough, it was rated in terms of survival.

"I really don't mind talking about it," he said with some embarrassment. "I have nothing to hide."

"That's nice."

"Do you have a name—other than your firm name?"

"As far as you're concerned, I'm Daleth Incorporated." She gave him a suspicious look that lingered a while and became contemplative. "There's only one thing I'm curious about—why are you going to Sol?"

He smiled wryly. "If I told a Dalethian that, she would indeed think me a fool."

Slowly the girl nodded. "I see. I know of Cophian ethics. If an officer's blunder results in someone's death, he either proves that it was not a blunder or he cuts his

throat—ceremonially, I believe. Will you do that?"

Roki shrugged. He had been away from Coph a long time. He didn't know.

"A stupid custom," she said.

"It manages to drain off the fools, doesn't it? It's better than having society try them and execute them forcibly for their crimes. On Coph, a man doesn't need to be afraid of society. He needs only to be afraid of his own weakness. Society's function is to protect individuals against unfortunate accidents, but not against their own blunders, And when a man blunders, Coph simply excludes him from the protectorate. As an outcast, he sacrifices himself. It's not too bad a system."

"You can have it."

"Dalethian?"

"Yeah?"

"You have no personal anger against what I did?"

She frowned at him contemptuously. "Uh-uh! I judge no one. I judge no one unless I'm personally involved. Why are you worried about what others think?"

"In our more highly developed society," he said stiffly, "a man inevitably grows a set of thinking-habits called 'conscience.'"

"Oh—yeah." Her dull tone indicated a complete lack of interest.

Again Roki wondered if she would think of making a quick bit of cash by informing Solarian officials of his identity. He began a mental search for a plan to avoid such possible treachery.

They ate and slept by the ship's clock. On the tenth day, Roki noticed a deviation in the readings of the radiation-screen instruments. The shape of the screen shell was gradually trying to drift toward minimum torsion, and assume a spherical shape. He pointed it out to Daleth, and she quickly made the necessary readjustments. But the output of the reactors crept a notch higher as a result of the added drain. Roki wore an apprehensive frown as the flight progressed.

Two days later, the screen began creeping again. Once more the additional power was applied. And the reactor output needle hung in the yellow band of warning. The field-generators were groaning and shivering with threatening overload. Roki worked furiously to locate the trouble, and at last he found it. He returned to the control cabin in a cold fury.

"Did you have this ship pre-flighted before blast-off?" he demanded.

Her mouth fluttered with amusement as she watched his anger. "Certainly, commander."

He flushed at the worthless title. "May I see the papers?"

For a moment she hesitated, then fumbled in her pocket and displayed a folded pink paper.

"Pink!" he roared. "You had no business taking off!"

Haughtily, she read him the first line of the pre-flight report. "Base personnel disclaim any responsibility for accidents resulting from flight of Daleth Ship— It doesn't say I can't take off."

"I'll see you banned from space!" he growled.

She gave him a look that reminded him of his current status. It was a tolerant, amused stare. "What's wrong, commander?"

"The synchronizers are out, that's all," he fumed. "Screen's getting farther and farther from resonance."

"So?"

"So the overload'll get worse, and the screen'll break down. You'll have to drop back down out of the C-component and get it repaired."

She shook her head. "We'll chance it like it is. I've always wanted to find out how much overload the reactor'll take."

Roki choked. There wasn't a chance of making it. "Are you a graduate space engineer?" he asked.

"No."

"Then you'd better take one's advice."

"Yours?"

"Yes."

"No! We're going on."

"Suppose I refuse to let you?"

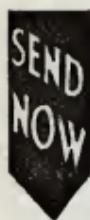
She whirled quickly, eyes flashing. "I'm in command of my ship. I'm also armed. I suggest you return to your quarters, passenger."

Roki sized up the situation, measured the determination in the girl's eyes, and decided that there was only one thing to do. He shrugged and looked away, as if admitting her authority. She glared at him for a moment, but did not press her demand that he leave the control room. As soon as she glanced back at the instruments, Roki padded his rough knuckles with a handkerchief, selected a target at the back of her short crop of dark hair, and removed her objections with a short chopping blow to the head. "Sorry, friend," he murmured as he lifted her limp body out of the seat.

He carried her to her quarters and placed

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—Extract from "Everybody's Fortune Book," 1931



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A young man wrote us only last week: "For two years I entered competitions without luck, but since getting Joan the Wad I have frequently been successful although I have not won a big prize, but I know that—, who won £2,000 in a competition, has one because I gave it to him. When he won his £2,000, he gave me £100 for myself, so you see I have cause to bless 'Queen Joan.'"

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One Lady writes: "My sister suffered very badly for years, but since I gave her a Joan the Wad to keep near her she is much easier. Do you think this is due to Joan or the Water from the lucky Well?"

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A young girl wrote and informed me that she had scores of boy friends, but it was not until she had visited Cornwall and taken Joan back with her that she met the boy of her dreams, and as they got better acquainted she discovered he also has Joan the Wad.

AS SPECULATOR

A man writes: "I had some shares that for several years I couldn't give away. They were 1/- shares and all of a sudden they went up in the market to 7/9. I happened to be staying at Joan the Wad. Pure imagination, you may say, but I thought I saw her wink approvingly. I sold out, reinvested the money at greater profit and have prospered ever since."

£30,000 WINNER

No. 222.—"Mrs. A. . . . of Lewisham, has just won £30,000 and says she has a **JOAN THE WAD**, so please send one to me."—Mrs. V. Bromley.
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No. 238.—"I have had some good luck since receiving **JOAN THE WAD**. I have won First Prize in 'ANSWERS' 'Nuggets.' I had **JOAN THE WAD** in February, and I have been lucky ever since."—Mrs. N. W., Wolverhampton.

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No. 245.—"I have just had my first win since having **JOAN THE WAD**, which was a 'DAILY MIRROR' HAMPER."—E. M. F., Brentwood.

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No. 257.—"My Husband is a keen Competitor in 'Bullets' and 'Nuggets.' He had not any luck until I gave him **JOAN THE WAD**, when the first week he secured a credit note in 'Nuggets' and last week FIRST Prize in 'Nuggets' £300.—Mrs. A. B., Salford.

CAN ANYONE BEAT THIS?

No. 286.—"Immediately after receiving my **JOAN THE WAD** I won a 3rd Prize in a local Derby Sweep, then I was given employment after seven months of idleness and finally had a correct forecast in Picture Puzzle 'Glasgow Sunday Mail,' which entitles me to a share of the Prize Money."—W. M., Glasgow, C.4.

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her on the bunk. After removing a small needle gun from her pocket, he left a box of headache tablets in easy reach, locked her inside, and went back to the controls. His fist was numb, and he felt like a heel, but there was no use arguing with a Dalethian. Clubbing her to sleep was the only way to avoid bloodier mayhem in which she might have emerged the victor—until the screen gave way.

The power-indication was threateningly high as Roki activated the C-drive and began piloting the ship downward through the fifth component. But with proper adjustments, he made the process analogous to free-fall, and the power-reading fell off slowly. A glance at the C-maps told him that the *Idiot* would emerge far beyond the limits of Sixty-Star Cluster. When it re-entered the continuum, it would be in the general volume of space controlled by another interstellar organization called The Viggern Federation. He knew little of its culture, but certainly it should have facilities for repairing a set of screen-synchronizers. He looked up its capitol planet, and began jetting toward it while the ship drifted downward in C. As he reached lower energy-levels, he cut out the screen altogether and went to look in on Daleth Incorporated who had made no sound for two hours.

He was surprised to see her awake and sitting up on the bunk. She gave him a cold and deadly stare, but displayed no rage. "I should've known better than to turn my back on you."

"Sorry. You were going to—"

"Save it. Where are we?"

"Coming in on Tragor III."

"I'll have you jailed on Tragor III, then."

He nodded. "You *could* do that, but then you might have trouble collecting my fare from Beth."

"That's all right."

"Suit yourself. I'd rather be jailed on your trumped-up charges than be a wisp of gas at ninety-thousand C's."

"Trumped up?"

"Sure, the pink pre-flight. Any court will say that whatever happened was your own fault. You lose your authority if you fly pink, unless your crew signs a release."

"You a lawyer?"

"I've had a few courses in space law. But if you don't believe me, check with the Interfed Service on Tragor III."

"I will. Now how about opening the door. I want out."

"Behave?"

She paused, then: "My promise wouldn't mean anything, Roki. I don't share your system of ethics."

He watched her cool green eyes for a moment, then chuckled. "In a sense you *do*—or you wouldn't have said *that*." He unlocked the cabin and released her, not trusting her, but realizing that the synchronizers were so bad by now that she couldn't attempt to go on without repairs. She could have no motive for turning on him—except anger perhaps.

"My gun?" she said.

Again Roki hesitated. Then, smiling faintly, he handed it to her. She took the weapon, sniffed scornfully, and cocked it. "Turn around, fool!" she barked.

Roki folded his arms across his chest, and remained facing her. "Go to the devil," he said quietly.

Her fingers whitened on the trigger. Still the Cophian failed to flinch, lose his smile, or move. Daleth Incorporated arched her eyebrows, uncocked the pistol, and returned it to her belt. Then she patted his cheek and chuckled nastily. "Just watch yourself, commander. I don't like you."

And he noticed, as she turned away, that she had a bump on her head to prove it. He wondered how much the bump would cost him before it was over. Treachery on Sol, perhaps.

The pilot called Tragor III and received instructions to set an orbital course to await inspection. All foreign ships were boarded before being permitted to land. A few hours later, a small patrol ship winged close and grappled to the hull. Roki went to manipulate the locks.

A captain and two assistants came through. The inspector was a young man with glasses and oversized ears. His eyebrows were ridiculously bushy and extended down on each side to his cheekbones. The ears were also filled with yellow brush. Roki recognized the peculiarities as local evolutionary tendencies; for they were shared also by the assistants. Tragor III evidently had an exceedingly dusty atmosphere.

The captain nodded a greeting and requested the ship's flight papers. He glanced at the pink pre-flight, clucked to himself, and read every word in the dispatcher's forms. "Observation flight? To Sol?" He addressed himself to Roki, using the interstellar Esperanto.

The girl answered. "That's right. Let's get this over with."

The captain gave her a searing, head-to-toe glance. "Are you the ship's owner, woman?"

Daleth Incorporated contained her anger with an effort. "I am."

The captain told her what a Tragorian thought of it by turning aside from her, and continuing to address Roki as if he were ship's skipper. "Please leave the ship while we fumigate and inspect. Wohr will make you comfortable in the patrol vessel. You will have to submit to physical examination—a contagion precaution."

Roki nodded, and they started out after the assistant. As they entered the corridor, he grinned at Daleth, and received a savage kick in the shin for his trouble.

"Oops, sorry!" she muttered.

"Oh—one moment, sir," the captain called after them. "May I speak to you a moment—"

They both stopped and turned.

"Privately," the captain added.

The girl marched angrily on. Roki stepped back in the cabin and nodded.

"You are a well-traveled man, E Roki?" the bushy-browed man asked politely.

"Space has been my business."

"Then you need no warning about local customs." The captain bowed.

"I know enough to respect them and conform to them," Roki assured him. "That's a general rule. But I'm not familiar with Tragor III. Is there anything special I should know before we start out?"

"Your woman, E Roki. You might do well to inform her that she will have to wear a veil, speak to no man, and be escorted upon the streets at all times. Otherwise, she will be wise to remain on the ship, in her quarters."

Roki suppressed a grin. "I shall try to insure her good behavior."

The captain looked defensive. "You regard our customs as primitive?"

"Every society to its own tastes, captain. The wisdom of one society would be folly for another. Who is qualified to judge? Only the universe, which passes the judgment of survival on all peoples."

"Thank you. You are a wise traveler. I might explain that our purdah is the result of an evolutionary peculiarity. You will see for yourself, however."

"I can't guarantee my companion's behavior," Roki said before he went to join

Daleth. "But I'll try my best to influence her."

Roki was grinning broadly as he went to the patrol vessel to wait. One thing was certain: the girl would have a rough time on Tragor if she tried to have him jailed for mutiny.

Her face reddened to forge-heat as he relayed the captain's warning.

"I shall do nothing of the sort," she said stiffly.

Roki shrugged. "You know enough to respect local customs."

"Not when they're personally humiliating!" She curled up on a padded seat in the visitor's room and began to pout. He decided to drop the subject.

Repairing the synchronizers promised to be a week-long job, according to the Tragorian inspector who accompanied the *Idiot* upon landing. "Our replacements are standardized, of course—within our own system. But parts for SSC ships aren't carried in stock. The synchronizers will have to be specially tailored."

"Any chance of rushing the job?"

"A week is rushing it."

"All right, we'll have to wait." Roki nudged the controls a bit, guiding the ship toward the landing site pointed out by the captain. Daleth was in her cabin, alone, to save herself embarrassment.

"May I ask a question about your mission, E Roki—or is it confidential in nature?"

Roki paused to think before answering. He would have to lie, of course, but he had to make it safe. Suddenly he chuckled. "I forgot for a moment that you weren't with Sixty-Star Cluster. So I'll tell you the truth. This is supposed to be an observation mission, officially—but actually, our superior sent us to buy him a handful of a certain scarce commodity."

The captain grinned. Graft and corruption were apparently not entirely foreign to Tragor III. But then his grin faded into thoughtfulness. "On Sol's planets?"

Roki nodded.

"This scarce commodity—if I'm not too curious—is it surgebanks supplies?"

Roki felt his face twitch with surprise. But he recovered from his shock in an instant. "Perhaps," he said calmly. He wanted to grab the man by the shoulders and shout a thousand questions, but he said nothing else.

The official squirmed in his seat for a time. "Does your federation buy many mercy cargoes from Sol?"

Roki glanced at him curiously. The captain was brimming with ill-concealed curiosity. Why?

"Occasionally, yes."

The captain chewed his lip for a moment. "Tell me," he blurted, "will the Solarian ships stop for your patrol inspections?"

Roki hesitated for a long time. Then he said, "I suppose that you and I could get together and share what we know about Sol without revealing any secrets of our own governments. Frankly, I, too, am curious about Sol."

The official, whose name was WeJan, was eager to accept. He scrawled a peculiar series of lines on a scrap of paper and gave it to Roki. "Show this to a heliocab driver. He will take you to my apartment. Would dinner be convenient?"

Roki said that it would.

The girl remained in her quarters when they landed. Roki knocked at the door, but she was either stubborn or asleep. He left the ship and stood for a moment on the ramp, staring at the hazy violet sky. Fine grit sifted against his face and stung his eyes.

"You will be provided goggles, suitable clothing, and an interpreter to accompany you during your stay," said WeJan as they started toward a low building.

But Roki was scarcely listening as he stared across the ramp. A thousand yards away was a yellow-starred mercy ship, bearing Solar markings. The most peculiar thing about it was the ring of guards that surrounded it. They apparently belonged to the ship, for their uniforms were different from those of the base personnel.

WeJan saw him looking. "Strange creatures, aren't they?" he whispered confidentially.

Roki had decided that in the long run he could gain more information by pretending to know more than he did. So he nodded wisely and said nothing. The mercy ship was too far away for him to decide whether the guards were human. He could make out only that they were bipeds. "Sometimes one meets strange ones all right. Do you know the Quinjori—from the other side of the galaxy?"

"No—no, I believe not, E Roki. Quinjori?"

"Yes. A very curious folk. Very curious indeed." He smiled to himself and fell silent. Perhaps, before his visit was over, he could trade fictions about the fictitious Quinjori for facts about the Solarians.

Roki met his interpreter in the space-port offices, donned the loose garb of Tragor, and went to quibble with repair service. Still he could not shorten the promised-time on the new synchros. They were obviously stuck for a week on Tragor. He thought of trying to approach the Solarian ship, but decided that it would be better to avoid suspicion.

Accompanied by the bandy-legged interpreter, whose mannerisms were those of a dog who had received too many beatings, Roki set out for Polarin, the Tragorian capitol, a few miles away. His companion was a small middle-aged man with a piping voice and flaring ears; Roki decided that his real job was to watch his alien charge for suspicious activities, for the little man was no expert linguist. He spoke two or three of the tongues used in the Sixty-Star Cluster, but not fluently. The Cophian decided to rely on the Esperanto of space, and let the interpreter translate it into native Tragorian wherever necessary.

"How would E Roki care to amuse himself?" the little man asked. "A drink? A pretty girl? A museum?"

Roki chuckled. "What do most of your visitors do while they're here?" He wondered quietly what, in particular, the Solarian visitors did. But it might not be safe to ask.

"Uh—that would depend on nationality, sir," murmured Pok. "The true-human foreigners often like to visit the Wanderer, an establishment which caters to their business. The evolved-human and the non-human visitors like to frequent The Court of Kings—a rather, uh, peculiar place." He looked at Roki doubtfully, as if wondering about his biological status.

"Which is most expensive?" he asked, although he really didn't care. Because of the phony "observation mission papers," he could make Colonel Beth foot the bill.

"The Court of Kings is rather high," Pok said. "But so is the Wanderer."

"Such impartiality deserves a return. We will visit them both, E Pok. If it suits you."

"I am your servant, E Roki."

How to identify a Solarian without asking?—Roki wondered as they sat sipping a sticky, yeasty drink in the lounge of the Wanderer. The dimly lighted room was filled with men of all races—pygmies, giants, black, red, and brown. All appeared human, or nearly so. There were a few women among the crewmen, and most of them removed their borrowed veils

while in the tolerant sanctuary of the Wanderer. The Tragorian staff kept stealing furtive glances at these out-system females, and the Cophian wondered about their covetousness.

"Why do you keep watching the strange women, E Pok?" he asked the interpreter a few minutes later.

The small man sighed. "Evidently you have not seen Tragorian women."

Roki had seen a few heavily draped figures on the street outside, clinging tightly to the arms of men, but there hadn't been much to look at. Still, Pok's hint was enough to give him an idea.

"You don't mean Tragor III is one of those places where evolution has pushed the sexes further apart?"

"I do," Pok said sadly. "The feminine I.Q. is seldom higher than sixty, the height is seldom higher than your jacket pocket, and the weight is usually greater than your own. As one traveler put it: 'short, dumpy, and dumb.' Hence, the Purdah."

"Because you don't like looking at them?"

"Not at all. Theirs is our standard of beauty. The purdah is because they are frequently too stupid to remember which man is their husband."

"Sorry I asked."

"Not at all," said Pok, whose tongue was being loosened by the yeasty brew. "It is our tragedy. We can bear it."

"Well, you've got it better than some planets. On Jevah, for instance, the men evolved into sluggish spidery little fellows, and the women are big husky brawlers."

"Ah yes. But Sol is the most peculiar of all, is it not?" said Pok.

"How do you mean?" Roki carefully controlled his voice and tried to look bored.

"Why, the Vamir, of course."

Because of the fact that Pok's eyes failed to move toward any particular part of the room, Roki concluded that there were no Solarians in the place. "Shall we visit the Court of Kings now, E Pok?" he suggested.

The small man was obviously not anxious to go. He murmured about ugly brutes, lingered over his drink, and gazed wistfully at a big dusky Sanbe woman. "Do you suppose she would notice me if I spoke to her?" the small interpreter asked.

"Probably. So would her five husbands. Let's go."

Pok sighed mournfully and came with him.

The Court of Kings catered to a peculiar clientele indeed; but not a one, so far as Roki could see, was completely inhuman. There seemed to be at least one common denominator to all intelligent life: it was bipedal and bimanual. Four legs was the most practical number for any animal on any planet, and it seemed that nature had nothing else to work with. When she decided to give intelligence to a species, she taught him to stand on his hind legs, freeing his forefeet to become tools of his intellect. And she usually taught him by making him use his hands to climb. As a Cophian biologist had said, "Life first tries to climb a tree to get to the stars. When it fails, it comes down and invents the high-C drive."

Again, Roki looked around for something that might be a Solarian. He saw several familiar species, some horned, some tailed, scaled, or heavily furred. Some stumbled and drooped as if Tragorian gravity weighted them down. Others bounced about as if floating free in space. One small creature, the native of a planet with an eight-hour rotational period, curled up on the table and fell asleep. Roki guessed that ninety per cent of the customers were of human ancestry, for at one time during the history of the galaxy, Man had sprung forth like a sudden blossom to inherit most of space. Some said they came from Sol III, but there was no positive evidence.

As if echoing his thoughts, Pok suddenly grunted. "I will never believe we are descended from those surly creatures."

Roki looked up quickly, wondering if the small interpreter was telepathic. But Pok was sneering toward the doorway. The Cophian followed his tipsy gaze and saw a man enter. The man was distinguished only by his height and by the fact that he appeared more human, in the classical sense, than most of the other customers. He wore a uniform—maroon jacket and gray trousers—and it matched the ones Roki had seen from a distance at the spaceport.

So this was a Solarian. He stared hard, trying to take in much at once. The man wore a short beard, but there seemed to be something peculiar about the jaw. It was—predatory, perhaps. The skull was massive, but plump and rounded like a baby's, and covered with sparse yellow fur. The eyes were quick and sharp, and seemed almost to leap about the room. He was at least seven feet tall, and there was a

look of savagery about him that caused the Cophian to tense, as if sensing an adversary.

"What is it you don't like about them?" he asked, without taking his eyes from the Solarian.

"Their sharp ears for one thing," whispered Pok as the Solarian whirled to stare toward their table. "Their nasty tempers for another."

"Ah? Rage reactions show biologic weakness," said the Cophian in a mild tone, but as loud as the first time.

The Solarian, who had been waiting for a seat at the bar, turned and stalked straight toward them. Pok whimpered. Roki stared at him coolly. The Solarian loomed over them and glared from one to the other. He seemed to decide that Pok was properly cowed, and he turned his fierce eyes on the ex-patrolman.

"Would you like to discuss biology, manthing?" he growled like distant thunder. His speaking exposed his teeth—huge white chisels of heavy ivory. They were not regressed toward the fanged stage, but they suggested, together with the massive jaw, that nature might be working toward an efficient bone-crusher.

Roki swirled his drink thoughtfully. "I don't know you, Bristleface," he murmured. "But if your biology bothers you, I'd be glad to discuss it with you."

He watched carefully for the reaction. The Solarian went gray-purple. His eyes danced with fire, and his slit mouth quivered as if to bare the strong teeth. Just as he seemed about to explode, the anger faded—or rather settled in upon itself to brood. "This is beneath me," the eyes seemed to be saying. Then he laughed cordially.

"My apologies. I thought to share a table with you."

"Help yourself."

The Solarian paused. "Where are you from, manthing?"

Roki also paused. They might have heard that a Cophian commander blasted one of their ships. Still he didn't care to be caught in a lie. "Sixty-Star Cluster," he grunted.

"Which sun?" The Solarian's voice suggested that he was accustomed to being answered instantly.

Roki glowered at him. "Information for information, fellow. And I don't talk to people who stand over me." He pointedly turned to Pok. "As we were saying—"

"I am of Sol," growled the big one.

"Fair enough. I am of Coph."

The giant's brows lifted slightly. "Ah,

yes." He inspected Roki curiously and sat down. The chair creaked a warning. "Perhaps that explains it."

"Explains what?" Roki frowned ominously. He disliked overbearing men, and his hackles were rising. There was something about this fellow—

"I understand that Cophians are given to a certain ruthlessness."

Roki pretended to ponder the statement while he eyed the big man coldly. "True, perhaps. It would be dangerous for you to go to Coph, I think. You would probably be killed rather quickly."

The angry color reappeared, but the man smiled politely "A nation of duelists, I believe, military in character, highly disciplined. Yes? They sometimes serve in the Sixty-Star Forces, eh?"

The words left no doubt in Roki's mind that the Solarian knew who had blasted their ship and why. But he doubted that the man had guessed his identity.

"I know less of your world, Solarian."

"Such ignorance is common. We are regarded as the galactic rurals, so to speak. We are too far from your dense star clusters." He paused. "You knew us once. We planted you here, and I feel sure you will know us again." He smiled to himself, finished his drink, and arose. "May we meet again, Cophian."

Roki nodded and watched the giant stride away. Pok was breathing asthmatically and picking nervously at his nails. He let out a sigh of relief with the Solarian's departure.

Roki offered the frightened interpreter a stiff drink, and then another. After two more, Pok swayed dizzily, then fell asleep across the table. Roki left him there. If Pok were an informer, it would be better to keep him out of the meeting with the patrol officer, Captain WeJan.

He hailed a cab and gave the driver the scrap of paper. A few minutes later, he arrived before a small building in the suburbs. WeJan's name was on the door—written in the space-tongue—but the officer was not at home. Frowning, he tried the door; locked. Then, glancing back toward the street, he caught a glimpse of a man standing in the shadows. It was a Solarian.

Slowly, Roki walked across the street. "Got a match, Bristelface?" he grunted.

In the light of triple-moons, he saw the giant figure swell with rage. The man looked quickly up and down the street. No one was watching. He emitted a low animal-growl, exposing the brutal teeth. His arms

shot out to grasp the Cophian's shoulders, dragging him close. Roki gripped the Multin automatic in his pocket and struggled to slip free. The Solarian jerked him up toward the bared teeth.

His throat about to be crushed, Roki pulled the trigger. There was a dull *chug*. The Solarian looked surprised. He released Roki and felt of his chest. There was no visible wound. Then, within his chest, the incendiary needle flared to incandescent heat. The Solarian sat down in the street. He breathed a frying sound. He crumpled. Roki left hastily before the needle burned its way out of the body.

He hadn't meant to kill the man, and it had been in self-defense, but he might have a hard time proving it. He hurried along back alleys toward the spaceport. If only they could leave Tragor immediately!

What had happened to WeJan? Bribed, beaten, or frightened away. Then the Solarians *did* know who he was and where he was and where he was going. There were half a dozen men around the spaceport who knew—and the information would be easy to buy. Pok had known that he was to meet with Wejan, and the Solarian had evidently been sent to watch the captain's quarters. It wasn't going to be easy now—getting to Sol III and landing.

What manner of creatures were these, he wondered. Men who supplied mercy cargoes to the galactic nations—as if charity were the theme and purpose of their culture—yet who seemed as arrogant as the warriors of some primitive culture whose central value was brutal power? What did they really want here? The Solarian had called him "manthing" as if he regarded the Cophian as a member of some lesser species.

The Solarians were definitely different. Roki could see it. Their heads were plump and soft like a baby's, hinting of some new evolutionary trend—a brain that could continue growing, perhaps. But the jaws, the teeth, the quick tempers, and the hypersensitive ears—what sort of animal developed such traits? There was only one answer: a nocturnal predator with the instincts of a lion. "You shall get to know us again," the man had said.

It spelled politico-galactic ambitions. And it hinted at something else—something that made the Cophian shiver, and shy away from dark shadows as he hurried shipward.

Daleth Incorporated was either asleep or out. He checked at the ship then went to

the Administration Building to inquire about her. The clerk seemed embarrassed.

"Uh . . . E Roki, she departed from the port about five."

"You've heard nothing of her since?"

"Well . . . there was a call from the police agency, I understand." He looked apologetic. "I assure you I had nothing to do with the matter."

"Police! What . . . what's wrong, man?"

"I hear she went unescorted and unveiled. The police are holding her."

"How long will they keep her?"

"Until some gentleman signs for her custody."

"You mean I have to sign for her?"

"Yes, sir."

Roki smiled thoughtfully. "Tell me, young man—are Tragorian jails particularly uncomfortable?"

"I wouldn't know, personally," the clerk said stiffly. "I understand they conform to the intergalactic 'Code of Humanity' however."

"Good enough," Roki grunted "I'll leave her there till we're ready to go."

"Not a bad idea," murmured the clerk, who had evidently encountered the cigar-chewing lady from Daleth.

Roki was not amused by the reversal of positions, but it seemed as good a place as any to leave her for safekeeping. If the Solarians became interested in him, they might also notice his pilot.

He spent the following day watching the Sol ship, and waiting fatalistically for the police to come and question him about the Solarian's death. But the police failed to come. A check with the news agencies revealed that the man's body had not even been found. Roki was puzzled. He had left the giant lying in plain sight where he had fallen. At noon, the Solarian crew came bearing several lead cases slung from the centers of carrying poles. They wore metal gauntlets and handled the cases cautiously. Roki knew they contained radioactive materials. So that was what they purchased with their surgibank supplies—nuclear fuels.

Toward nightfall, they loaded two large crates aboard. He noted the shape of the crates, and decided that one of them contained the body of the man he had killed. Why didn't they want the police to know? Was it possible that they wanted him free to follow them?

The Sol-ship blasted-off during the night. He was surprised to find it gone, and him-

self still unmolested, by morning. Wandering around the spaceport, he saw WeJan, but the man had developed a sudden lapse of memory. He failed to recognize the Cophian visitor. With the Solarians gone, Roki grew bolder in his questioning.

"How often do the Solarians visit you?" he inquired of a desk clerk at Administration.

"Whenever a hospital places an order, sir. Not often. Every six months perhaps."

"That's all the traffic they have with Tragor?"

"Yes, sir. This is our only interstellar port."

"Do the supplies pass through your government channels?"

The clerk looked around nervously. "Uh, no sir. They refuse to deal through our government. They contact their customers directly. The government lets them because the supplies are badly needed."

Roki stabbed out bluntly. "What do you think of the Solarians?"

The clerk looked blank for a moment, then chuckled. "I don't know, myself. But if you want a low opinion, ask at the spaceport cafe."

"Why? Do they cause trouble there?"

"No, sir. They bring their own lunches, so to speak. They eat and sleep aboard ship, and won't spend a thin galak around town."

Roki turned away and went back to the *Idiot*. Somewhere in his mind, an idea was refusing to let itself be believed. A mercy ship visited Tragor every six months. Roki had seen the scattered, ruined cargo of such a ship, and he had estimated it at about four thousand pints of blood, six thousand pounds of frozen bone, and seven thousand pounds of various replaceable organs and tissues. That tonnage in itself was not so startling, but if Sol III supplied an equal amount twice annually to even a third of the twenty-eight thousand civilized worlds in the galaxy, a numbing question arose: where did they get their raw material? Surgibank supplies were normally obtained by contributions from accident victims who lived long enough to voluntarily contribute their undamaged organs to a good cause.

Charitable organizations tried to secure pledges from men in dangerous jobs, donating their bodies to the planet's surgibank in the event of death. But no man felt easy about signing over his kidneys or his liver to the bank, and such recruiters were less popular than hangmen or life insurance

agents. Mercy supplies were quite understandably scarce.

The grim question lingered in Roki's mind: where did the Sol III traders find between three and five million healthy accident victims annually? Perhaps they made the accidents themselves, accidents very similar to those occurring at the end of the chute in the slaughterhouse. He shook his head, refusing to believe it. No planet's population, however terrorized by its rulers, could endure such a thing without generating a sociological explosion that would make the world quiver in its orbit. There was a limit to the endurance of tyranny.

He spent the rest of the week asking innocent questions here and there about the city. He learned nearly nothing. The Solarians came bearing their peculiar cargo, sold it quickly at a good price, purchased fissionable materials, and blasted-off without a civil word to anyone. Most men seemed nervous in their presence, perhaps because of their bulk and their native arrogance.

When the base personnel finished installing the synchronizers, he decided the time had come to secure Daleth Incorporated from the local jail. Sometimes he had chided himself for leaving her there after the Solarians had blasted-off, but it seemed to be the best place to keep the willful wench out of trouble. Belatedly, as he rode toward the police station, he wondered what sort of mayhem she would attempt to commit on his person for leaving her to fume in a cell. His smile was rueful as he marched in to pay her fine. The man behind the desk frowned sharply.

"Who did you say?" he grunted.

"The foreign woman from the Dalethian Ship."

The officer studied his records. "Ah, yes—Talewa Walkeka the name?"

Roki realized he didn't know her name. She was still Daleth Incorporated. "From the Daleth Ship," he insisted.

"Yes. Talewa Walkeka—she was released into the custody of Eli Roki on twoday of last spaceweek."

"That's imposs—" Roki choked and whitened. "I am Eli Roki. Was the man a Solarian?"

"I don't recall."

"Why don't you? Didn't you ask him for identification?"

"Stop bellowing, please," said the official coldly. "And get your fists off my desk."

The Cophian closed his eyes and tried to

control himself. "Who is responsible for this?"

The official failed to answer.

"You are responsible!"

"I cannot look out for all the problems of all the foreigners who—"

"Stop! You have let her die."

"She is only a female."

Roki straightened. "Meet me at any secluded place of your choice and I will kill you with any weapon of your choice."

The official eyed him coldly, then turned to call over his shoulder. "Sergeant, escort this barbarian to his ship and see that he remains aboard for the rest of his visit."

The Cophian went peacefully, realizing that violence would gain him nothing but the iron hospitality of a cell. Besides, he had only himself to blame, for leaving her there. It was obvious to him now—the contents of the second crate the Solarians had carried aboard consisted of Talewa Walkeka, lately of Daleth and high-C. Undoubtedly they had taken her alive. Undoubtedly she was additional bait to bring him on to Sol. Why did they want him to come? *I'll oblige them and find out for myself*, he thought.

The ship was ready. The bill would be sent back to Beth. He signed the papers, and blasted off as soon as possible. The lonely old freighter crept upward into the fifth component like a struggling old vulture, too ancient to leave its sunny lair. But the synchros were working perfectly, and the screen held its shape when the ascent ceased just below red-line level. He chose an evasive course toward Sol and began gathering velocity.

Then he fed a message into the coder, to be broadcast back toward the Sixty-Star Cluster: *Pilot abducted by Solarians; evidence secured to indicate Solarian merchandise is obtained through genocide*. He recorded the coded message on tape and let it feed continuously into the transmitters, knowing that the carrier made him a perfect target for homing devices, if anyone chose to silence him.

And he knew it was a rather poor bluff. The message might or might not be picked up. A listening ship would have to be at the same C-level to catch the signal. Few ships, save the old freighters, lingered long at ninety-thousand C's. But if the Solarians let him live long enough, the message would eventually be picked up—but not necessarily believed. The most he could hope for was to arouse curiosity about Sol. No one would

PSORIASIS

Whatever the extent, and it may be anything from two or three small spots on elbows and knees to large patches on the scalp, body and limbs. Psoriasis is always most distressing and embarrassing to the sufferer.

Psoriasis forms a white lustrous scale on a reddened area of skin. Both the scale and skin are always dry unless broken or brought away by too much force when scratching or combing.

In most cases the reddened skin is of a normal temperature and the scale thick and raised on the skin, especially on the scalp, elbows and knees. Where the skin is of finer texture as on the body, scaling takes place as thin flakes or a light powder. In severe cases all the scales—thick, thin, flake or powder—will come away in shoals.

The onset of Psoriasis varies considerably. It may be hereditary, may occur with puberty, may follow injury, exposure, shock, worry, faulty nutrition or faulty elimination. It may also be persistent and recurring, and sufferers despair of ever having a clear, healthy skin.

A NEW OUTLOOK

Brochure for all sufferers

No matter how long you have suffered, no matter how many eruptions you may have, no matter how extensive the eruptions may be, the brochure will bring renewed hope of a clear and healthy skin. It tells of others who suffered for years but have had complete relief. Psoriasis that was very extensive and persistent yielded to a skin without blemish.

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THE NATIONAL COLLEGE OF HEALTH
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BROUGHTON, MANCHESTER, 7

care much about the girl's abduction, or about his own death. Interstellar federations never tried to protect their citizens beyond the limits of their own volume of space. It would be an impossible task.

Unless the Solarians were looking for him however, they themselves would probably not intercept the call. Their ships would be on higher C. And since they knew he was coming, they had no reason to search for him. At his present velocity and energy-level, he was four months from Sol. The mercy ship, on a higher level, would probably reach Sol within three weeks. He was a sparrow chasing a smug hawk.

But now there was more at stake than pride or reputation. He had set out to clear himself of a bad name, but now his name mattered little. If what he suspected were true, then Sol III was a potential threat to every world in the galaxy. Again he remembered the Solarian's form of address—"man-thing"—as if a new race had arisen to inherit the places of their ancestors. If so, the new race had a right to bid for survival. And the old race called Man had a right to crush it if he could. Such was the dialectic of life.

Four months in the solitary confinement of a spaceship was enough to unnerve any man, however well-conditioned to it. He paced restlessly in his cell, from quarters to control to reactor room, reading everything that was aboard to read and devouring it several times. Sometimes he stopped to stare in Daleth's doorway. Her gear was still in the compartment, gathering dust. A pair of boots in the corner, a box of Dalethian cigars on the shelf.

"Maybe she has a book or two," he said once, and entered. He opened the closet and chuckled at the rough masculine clothing that hung there. But among the coarse fabrics was a wisp of pale green silk. He parted the dungarees to stare at the frail feminine frock, nestled toward the end and half-hidden like a suppressed desire. For a moment he saw her in it, strolling along the cool avenues of a Cophian city. But quickly he let the dungarees fall back, slammed the door, and stalked outside, feeling ashamed. He never entered again.

The loneliness was overpowering. After three months, he shut off the transmitters and listened on the space frequencies for the sound of a human voice. There was nothing except the occasional twittering of a coded message. Some of them came from the direction of Sol.

Why were they letting him come without interference? Why had they allowed him to transmit the message freely? Perhaps they wanted him as a man who knew a great deal about the military and economic resources of the Sixty-Star Cluster, information they would need if they had high ambitions in space. And perhaps the message no longer mattered, if they had already acquired enough nuclear materials for their plans.

After a logical analysis of the situation, he hit upon a better answer. Their ships didn't have the warp-locking devices that permitted one ship to slip into a parallel C with an enemy and stay with that enemy while it maneuvered in the fifth component. The Solarians had proven that deficiency when the "mercy ship" had tried to escape him by evasive coursing. If their own ships were equipped with the warp lockers, they would have known better than to try. They wanted such equipment. Perhaps they thought that the *Idiot* possessed it, or that he could furnish them with enough information to let them build it.

After several days of correlating such facts as he already knew, Roki cut on his transmitters, fanned the beam down to a narrow pencil, and directed it toward Sol. "Blind Stab from Cluster-Ship *Idiot*," he called. "Any Sol Ship from *Idiot*. I have information to sell in exchange for the person of Talewa Walkeka. Acknowledge, please."

He repeated the message several times, and expected to wait a few days for an answer. But the reply came within three hours, indicating that a ship had been hovering just ahead of him, beyond the range of his own outmoded detectors.

"Cluster-Ship from Sol Seven," crackled the loud-speaker. "Do you wish to land on our planet? If so, please prepare to be boarded. One of our pilots will take you in. You are approaching our outer patrol zone. If you refuse to be boarded, you will have to turn back. Nonco-operative vessels are destroyed upon attempting to land. Over."

There was a note of amusement in the voice. They knew he wouldn't turn back. They had a hostage. They were inviting him to surrender but phrasing the invitation politely.

Roki hesitated. Why had the man said—"destroyed upon attempting to land?" After a moment's thought, he realized that it was because they could not destroy a ship while maneuvering in the fifth component. They could not even stay in the same continuum

with it, unless they had the warp-locking devices. A vague plan began forming in his mind.

"I agree conditionally. Do you have Talewa Walkeka aboard? If so, prove it by asking her to answer the following request in her own voice: 'List the garments contained in the closet of her quarters aboard this ship.' If this is accomplished satisfactorily, then I'll tentatively assume intentions are not hostile. Let me remind you, however, that while we are grappled together, I can rip half your hull off by hitting my C-drive—unless you're equipped with warp-locking devices."

That should do it, he thought. With such a warning, they would make certain that they had him aboard their own ship as a captive before they made any other move. And he would do his best to make it easy for them. Two or three hours would pass before he could expect an answer, so he began work immediately, preparing to use every means at his disposal to make a booby trap of the *Idiot*, and to set the trap so that only his continued well-being would keep it from springing.

The *Idiot's* stock of spare parts was strictly limited, as he had discovered previously. There were a few spare selsyns, replacement units for the calculator and courser, radio and radar parts, control-mechanisms for the reactors, and an assortment of spare instruments and detectors. He augmented this stock by ruthlessly tearing into the calculator and taking what he needed.

He was hard at work when the answer came from the Sol ship. It was Daleth's voice, crisp and angry, saying, "Six pair of dungarees, a jacket, a robe, and a silk frock. Drop dead, Roki."

The Solarian operator took over. "Expect a meeting in six hours. In view of your threat, we must ask that you stand in the outer lock with the hatch open, so that we may see you as we grapple together. Please acknowledge willingness to co-operate."

Roki grinned. They wanted to make certain that he was nowhere near the controls. He gave them a grumbling acknowledgement and returned to his work, tearing into the electronic control-circuits, the radio equipment, the reaction-rate limiters, and the controls of the C-drive. He wove a network of interdependency throughout the ship, running linking circuits from the air-lock mechanisms to the reactors, and from the communication equipment to the C-

drive. Gradually the ship became useless as a means of transportation. The jets were silent. He set time clocks to activate some of the apparatus, and keyed other equipment by relays set to trip upon the occurrence of various events.

It was not a difficult task, nor a long one. He added nothing really new. For example, it was easy to remove the wires from the air-lock indicator lamp and feed their signal into a relay section removed from the calculator, a section which would send a control pulse to the reactors if the air-locks were opened twice. The control pulse, if it came, would push the units past the red line. The relay sections were like single-task robots, set to obey the command: "If this happens, then push that switch."

When he was finished, the six hours were nearly gone. Pacing restlessly, he waited for them to come. Then, noticing a sudden flutter on the instruments, he glanced out to see the dark hulk slipping through his radiation screen. It came to a stop a short distance away.

Roki started the timers he had set, then donned a pressure suit. Carrying a circuit diagram of the changes he had wrought, he went to stand in the outer lock. He held open the outer hatch. The beam of a searchlight stabbed out to hold him while the Sol Ship eased closer. He could see another suited figure in its lock, calling guidance to the pilot. Roki glanced up at his own grapples; they were already energized and waiting for something to which they could cling.

The ships came together with a rocking jerk as both sets of grapples caught and clung. Roki swung himself across a gravity-less space, then stood facing the burly figure of the Solarian. The man pushed him into the next lock and stepped after him.

"Search him for weapons," growled a harsh voice as Roki removed his helmet. "And get the boarding party through the locks."

"If you do that, you'll blow both ships to hell," the Cophian commented quietly. "The hatches are rigged to throw the reactors past the red line."

The commander, a sharp-eyed oldster with a massive bald skull, gave him a cold stare that slowly became a sneer. "Very well, we can cut through the hull."

Roki nodded. "You can, but don't let any pressure escape. The throttles are also keyed to the pressure gauge."

The commander reddened slightly. "Is there anything else?"

"Several things." Roki handed him the circuit diagram. "Have your engineer study this. Until he gets the idea, anything you do may be dangerous, like trying to pull away from my grapples. I assure you we're either permanently grappled together, or permanently dead."

The Solarian was apparently his own engineer. He stared at the schematic while another relieved Roki of his weapon. There were four of them in the cabin. Three were armed and watching him carefully. He knew by their expressions that they considered him to be of a lesser species. And he watched them communicate silently among themselves by a soundless language of facial twitches and peculiar nods. Once the commander looked up to ask a question.

"When will this timer activate this network?"

Roki glanced at his watch. "In about ten minutes. If the transmitter's periodic signals aren't answered in the correct code, the signals serve to activate the C-drive."

"I see that," he snapped. He glanced at a burly assistant. "Take him out. Skin him—from the feet up. He'll give you the code."

"I'll give it to you now," Roki offered calmly.

The commander showed faint surprise. "Do so then."

"The Cophian multiplication tables is the code. My transmitter will send a pair of Cophian numbers every two minutes. If you fail to supply the product within one second, a relay starts the C-drive. Since you can't guarantee an exactly simultaneous thrust, there should be quite a crash."

"Very well, give us your Cophian number symbols."

"Gladly. But they won't help you."

"Why not?"

"Our numbers are to the base eighteen instead of base ten. You couldn't react quickly enough unless you've been using them since childhood."

The Solarian's lips pulled back from his heavy teeth and his jaw muscles began twitching. Roki looked at his watch.

"You have seven minutes to get your transmitter set up, with me at the key. We'll talk while I keep us intact."

The commander hesitated, then nodded to one of the guards who promptly left the room.

"Very well, manthing, we will set it up temporarily." He paused to smile arrogantly.

"You have much to learn about our race. But you have little time in which to learn it."

"What do you mean?"

"Just this. This transmitter—and the whole apparatus—will be shut down after a certain period of time."

Roki stiffened. "Just how do you propose to do it?"

"Fool! By waiting until the signals stop. You obviously must have set a time limit on it. I would guess a few hours at the most."

It was true, but he had hoped to avoid mentioning it. The power to the control circuits would be interrupted after four hours, and the booby trap would be deactivated. For if he hadn't achieved his goal by then, he meant to neglect a signal during the last half-hour and let the C-ward lurch tear them apart. He nodded slowly.

"You're quite right. You have four hours in which to surrender your ship into my control. Maybe, I'll send the signals until I decide you don't mean to co-operate. Then—" He shrugged.

The Solarian gave a command to his aides. They departed in different directions. Roki guessed that they had been sent to check for some way to enter the *Idiot* that would not energize a booby circuit.

His host waved him through a doorway, and he found himself in their control room. A glance told him that their science still fell short of the most modern cultures. They had the earmarks of a new race, and yet Sol's civilization was supposedly the oldest in the galaxy.

"There are the transmitters," the commander barked. "Say what you have to say, and we shall see who is best at waiting."

Roki sat down, fingered the key, and watched his adversary closely. The commander fell into a seat opposite him and gazed coolly through narrowed lids. He wore a fixed smile of amusement. "Your name is Eli Roki, I believe. I am Space Commander Hulgruv."

A blare of sound suddenly came from the receiver. Hulgruv frowned and lowered the volume. The sound came forth as a steady musical tone. He questioned the Cophian with his eyes.

"When the tone ceases, the signals will begin."

"I see."

"I warn you, I may get bored rather quickly. I'll keep the signals going only until

I think you've had time to assure yourselves that this is not a bluff I am trying to put over on you."

"I'm sure it's not. It's merely an inconvenience."

"You know little of my home planet then."

"I know a little."

"Then you've heard of the 'Sword of Apology.'"

"How does that—" Hulgruv paused and lost his smirk for an instant. "I see. If you blunder, your code demands that you die anyway. So you think you wouldn't hesitate to neglect a signal."

"Try me."

"It may not be necessary. Tell me, why did you space them two minutes apart? Why not one signal every hour?"

"You can answer that."

"Ah yes. You think the short period insures you against any painful method of persuasion, eh?"

"Uh-huh. And it gives me a chance to decide frequently whether it's worth it."

"What is it you want, Cophian? Suppose we give you the girl and release you."

"She is a mere incidental," he growled, fearful of choking on the words. "The price is surrender."

Hulgruv laughed heartily. It was obvious he had other plans. "Why do you deem us your enemy?"

"You heard the accusation I beamed back to my Cluster."

"Certainly. We ignored it, directly. Indirectly we made a fool of you by launching another, uh, mercy ship to your system. The cargo was labeled as to source, and the ship made a point of meeting one of your patrol vessels. It stopped for inspection. You're less popular at home than ever." He grinned. "I suggest you return to Sol with us. Help us develop the warp locks."

Roki hesitated. "You say the ship stopped for inspection?"

"Certainly."

"Wasn't it inconvenient? Changing your diet, leaving your 'livestock' at home—so our people wouldn't know you for what you really are."

Hulgruv stiffened slightly, then nodded. "Good guess."

"Cannibal!"

"Not at all. I am not a man."

They stared fixedly at one another. The Cophian felt the clammy cloak of hate creeping about him. The tone from the speaker suddenly stopped. A moment of

dead silence. Roki leaned back in his chair.

"I'm not going to answer the first signal."

The commander glanced through the doorway and jerked his head. A moment later, Talewa Walkeka stepped proudly into the room, escorted by a burly guard. She gave him an icy glance and said nothing. "Daleth—"

She made a noise like an angry cat and sat where the guard pushed her. They waited. The first signal suddenly screeched from the receiver: two series of short bleats of three different notes.

Involuntarily his hand leaped to the key. He bleated back the answering signal.

Daleth wore a puzzled frown. "Ilgen times ufneg is hork-segan," she muttered in translation.

A slow grin spread across Hulgruv's heavy face. He turned to look at the girl. "You're trained in the Cophian number system?"

"Don't answer that!" Roki bellowed.

"She *has* answered it, manthing. Are you aware of what your friend is doing, female?"

She shook her head. Hulgruv told her briefly. She frowned at Roki, shook her head, and stared impassively at the floor. Apparently she was either drugged or had learned nothing about the Solarians to convince her that they were enemies of the galaxy.

"Tell me, Daleth. Have they been feeding you well?"

She hissed at him again. "Are you crazy—?"

Hulgruv chuckled. "He is trying to tell you that we are cannibals. Do you believe it?"

Fright appeared in her face for an instant, then disbelief. She stared at the commander, saw no guilt in his expression. She looked scorn at Roki.

"Listen, Daleth! That's why they wouldn't stop. Human livestock aboard. One look in their holds and we would have known, seen through their guise of mercy, recognized them as self-styled supermen, guessed their plans for galactic conquest. They breed their human cattle on their home planet and make a business of selling the parts. Their weapon is infiltration into our confidence. They knew that if we gained an insight into their bloodthirsty culture, we would crush them."

"You're insane, Roki!" she snapped.

"No! Why else would they refuse to stop? Technical secrets? Baloney! Their

technology is still inferior to ours. They carried a cargo of hate! Our hate, riding with them unrecognized. They couldn't afford to reveal it."

Hulgruv laughed uproariously. The girl shook her head slowly at Roki as if pitying him.

"It's true, I tell you! I guessed, sure. But it was pretty obvious they were taking their surgibank supplies by murder. And they contend they're not men. They guard their ships so closely, live around them while in port. And he admitted it to me."

The second signal came. Roki answered it, then began ignoring the girl. She didn't believe him. Hulgruv appeared amused. He hummed the signals over to himself—*without mistake*.

"You're using polytonal code for challenge, monotonous for reply. That makes it harder to learn."

The Cophian caught his breath. He glanced at the Solarian's huge, bald brain-case. "You hope to learn some three or four hundred sounds—and sound-combinations within the time I allow you?"

"We'll see."

Some note of contempt in Hulgruv's voice gave Roki warning.

"I shorten my ultimatum to one hour! Decide by then. Surrender, or I stop answering. Learn it, if you can."

"He can, Roki," muttered Daleth. "They can memorize a whole page at a glance."

Roki keyed another answer. "I'll cut it off if he tries it."

The commander was enduring the tension of the stalemate superbly. "Ask yourself, Cophian," he grunted with a smile, "what would you gain by destroying the ship—and yourself? We are not important. If we're destroyed, our planet loses another gnat in space, nothing more. Do you imagine we are incapable of self-sacrifice?"

Roki found no answer. He set his jaw in silence and answered the signals as they came. He hoped the bluff would win, but now he saw that Hulgruv would let him destroy the ship. And—if the situation were reversed, Roki knew that he would do the same. He had mistakenly refused to concede honor to an enemy. The commander seemed to sense his quiet dismay, and he leaned forward to speak softly.

"We are a new race, Roki—grown out of man. We have abilities of which you know nothing. It's useless to fight us. Ultimately, your people will pass away. Or become

stagnant. Already it has happened to man on Earth."

"Then—there are *two* races on Earth."

"Yes, of course. Did apes pass away when man appeared? The new does not replace the old. It adds to it, builds above it. The old species is the root of the new tree."

"Feeding it," the Cophian grunted bitterly.

He noticed that Talewa was becoming disturbed. Her eyes fluttered from one to the other of them.

"That was inevitable, manthing. There are no other animal foodstuffs on Earth. Man exhausted his planet, overpopulated it, drove lesser species into extinction. He spent the world's resources getting your ancestors to the denser star-clusters. He saw his own approaching stagnation on Earth. And, since Sol is near the rim of the galaxy, with no close star-neighbors, he realized he could never achieve a mass-exodus into space. He didn't have the C-drive in its present form. The best he could do was a field-cancellation drive."

"But that's the heart of the C-drive."

"True. But he was too stupid to realize what he had. He penetrated the fifth component and failed to realize what he had done. His ships went up to five-hundred C's or so, spent a few hours there by the ship's clock, and came down to find several years had passed on Earth. They never got around that time-lag."

"But that's hardly more than a problem in five-space navigation!"

"True again. But they still thought of it in terms of field-cancellation. They didn't realize they'd actually left the four-space continuum. They failed to see the blue-shift as anything more than a field-phenomenon. Even in high-C, you measure light's velocity as the same constant—because your measuring instruments have changed proportionally. It's different, relative to the home continuum, but you can't know it except by pure reasoning. They never found out."

"Using what they had, they saw that they could send off a few of their numbers to the denser star-clusters, if they wanted to wait twenty thousand years for them to arrive. Of course, only a few years would pass aboard ship. They knew they could do it, but the procrastinated. Society was egalitarian at the time. Who would go? And why should the planet's industry exhaust itself to launch a handful of ships that no

one would ever see again? Who wanted to make a twenty thousand year investment that would impoverish the world? Sol's atomic resources were never plentiful."

"How did it come about then?"

"Through a small group of men who didn't care about the cost. They seized power during a 'population rebellion'—when the sterilizers were fighting the euthanasiasts and the do-nothings. The small clique came into power by the fantastic promise of draining off the population-surplus into space. Enough of the stupid believed it to furnish them with a strong backing. They clamped censorship on the news agencies and imprisoned everyone who said it couldn't be done. They put the planet to work building ships. Their fanatic personal philosophy was: 'We are giving the galaxy to Man. What does it matter if he perishes on Earth?' They put about twelve hundred ships into space before their slave-structure collapsed. Man never developed another technology on Sol III. He was sick of it."

"And your people?"

Hulgruv smiled. "A natural outgrowth of the situation. If a planet were glutted with rabbits who ate all the grass, a species of rabbits who learned to exploit other rabbits would have the best chance of survival. We are predators, Cophian. Nature raised us up to be a check on your race."

"You pompous fool!" Roki snapped. "Predators are specialists. What abilities do you have—besides the ability to prey on man?"

"I'll show you in a few minutes," the commander muttered darkly.

Daleth had lost color slowly as she listened to the Solarian's roundabout admission of Roki's charge. She suddenly moaned and slumped in a sick heap. Hulgruv spoke to the guard in the soundless facial language. The guard carried her away quickly.

"If you were an advanced species, Hulgruv—you would not have let yourself be tricked so easily, by me. And a highly intelligent race would discover the warp locks for themselves."

Hulgruv flushed. "We underestimated you, manthing. It was a natural mistake. Your race has sunk to the level of cattle on Earth. As for the warp locks, we know their principles. We have experimental models. But we could short-circuit needless research by using your design. We are a new race, new to space. Naturally we can-

not do in a few years what you needed centuries to accomplish."

"You'll have to look for help elsewhere. In ten minutes, I'm quitting the key—unless you change your mind."

Hulgruv shrugged. While Roki answered the signals, he listened for sounds of activity throughout the ship. He heard nothing except the occasional clump of boots, the brief mutter of a voice in the corridor, the intermittent rattling of small tools. There seemed to be no excitement or anxiety. The Solarians conducted themselves with quiet self-assurance.

"Is your crew aware of what is happening?"

"Certainly."

As the deadline approached, his fingers grew nervous on the key. He steeled himself, and waited, clutching at each second as it marched past. What good would it do to sacrifice Daleth and himself? He would succeed only in destroying one ship and one crew. But it was a good trade—two pawns for several knights and a rook. And, when the Solarians began their march across space, there would be many such sacrifices.

For the last time, he answered a signal, then leaned back to stare at Hulgruv. "Two minutes, Solarian. There's still time to change your mind."

Hulgruv only smiled. Roki shrugged and stood up. A pistol flashed into the commander's hand, warning him back. Roki laughed contemptuously.

"Afraid I'll try to take your last two minutes away?"

He strolled away from the table toward the door.

"Stop!" Hulgruv barked.

"Why? I want to see the girl."

"Very touching. But she's busy at the moment."

"What?" he turned slowly, and glanced at his watch. "You don't seem to realize that in fifty seconds—"

"We'll see. Stay where you are."

The Cophian felt a sudden coldness in his face. Could they have found a flaw in his net of death?—a way to circumvent the sudden application of the *Idiot's* C-drive, with its consequent ruinous stresses to both ships? Or had they truly memorized the Cophian symbols to a one second reaction time?

He shrugged agreeably and moved in the general direction of the transmitter tuning units. There was one way to test the possibility. He stopped several feet away

and turned to face Hulgruv's suspicious eyes. "You are braver than I thought," he growled.

The admission had the desired effect. Hulgruv tossed his head and laughed arrogantly. There was an instant of relaxation. The heavy automatic wavered slightly. Roki backed against the transmitters and cut the power switch. The hum died.

"Ten seconds, Hulgruv! Toss me your weapon. Shoot and you shatter the set. Wait and the tubes get cold. *Toss it!*"

Hulgruv bellowed, and raised the weapon to fire. Roki grinned. The gun quivered. Then with a choking sound, the Solarian threw it to him. "Get it on!" he howled. "*Get it on!*"

As Roki tripped the switch again, the signals were already chirping in the loud-speaker. He darted aside, out of view from the corridor. Footsteps were already racing toward the control room.

The signals stopped. Then the bleat of an answer! Another key had been set up in the adjoining room! With Daleth answering the challenges.

The pistol exploded in his hand as the first crewman came racing through the doorway. The others backed out of sight into the corridor as the projectile-weapon knocked their comrade back in a bleeding sprawl. Hulgruv made a dash for the door. Roki cut him down with a shot at the knee.

"The next one takes the transmitter," he bellowed. "Stay back."

Hulgruv roared a command. "Take him! If you can't, let the trap spring!"

Roki stooped over him and brought the pistol butt crashing against his skull, meaning only to silence him. It was a mistake; he had forgotten about the structure of the Solarian skull. He put his foot on Hulgruv's neck and jerked. The butt came free with a wet *cluck*. He raced to the doorway and pressed himself against the wall to listen. The crewmen were apparently having a parley at the far end of the corridor. He waited for the next signal.

When it came, he dropped to the floor—to furnish an unexpected sort of target—and snaked into view. He shot twice at three figures a dozen yards away. The answering fire did something to the side of his face, blurring his vision. Another shot sprayed him with flakes from the deck. One crewman was down. The others backed through a door at the end of the corridor. They slammed it and a pressure seal tightened with a rubbery sound.

Roki climbed to his feet and slipped toward a doorway from which he heard the click of the auxiliary key. He felt certain someone was there besides Daleth. But when he risked a quick glance around the corner, he saw only the girl. She sat at a small desk, her hand frozen to the key, her eyes staring dazedly at nothing. He started to speak, then realized what was wrong. Hypnosis! Or a hypnotic drug. She sensed nothing but the key beneath her fingers, waiting for the next challenge.

The door was only half-open. He could see no one, but there had been another man; of that he was certain. Thoughtfully he took aim at the plastic door panel and fired. A gun skidded toward Daleth's desk. A heavy body sprawled across the floor.

The girl started. The dull daze left her face to be replaced with wide-eyed shock. She clasped her hands to her cheeks and whimpered. A challenge bleated from the radio.

"Answer!" he bellowed.

Her hand shot to the key and just in time. But she seemed about to faint.

"Stay on it!" he barked, and dashed back to the control room. The crewmen had locked themselves aft of the bulkhead, and had started the ventilator fans. Roki heard their whine, then caught the faint odor of gas. His eyes were burning and he sneezed spasmodically.

"Surrender immediately, manthing!" blared the intercom.

Roki looked around, then darted toward the controls. He threw a damping voltage on the drive tubes, defocused the ion streams, and threw the reactors to full emission. The random shower of high-speed particles would spray toward the focusing coils, scatter like deflected buckshot, and loose a blast of hard X-radiation as they peppered the walls of the reaction chambers. Within a few seconds, if the walls failed to melt, the crewmen back of the bulkhead should recognize the possibility of being quickly fried by the radiant inferno.

The tear gas was choking him. From the next compartment, he could hear Daleth coughing and moaning. How could she hear the signals for her own weeping? He tried to watch the corridor and the reaction-chamber temperature at the same time. The needle crept toward the danger-point. An explosion could result, if the walls failed to melt.

Suddenly the voice of the intercom again:

"Shut it off, you fool! You'll destroy the ship."

He said nothing, but waited in tense silence, watching the other end of the corridor. Suddenly the ventilator fans died. Then the bulkhead door opened a crack, and paused.

"Throw out your weapon first!" he barked.

A gun fell through the crack and to the floor. A Solarian slipped through, sneezed, and rubbed his eyes.

"Turn around and back down the corridor."

The crewman obeyed slowly. Roki stood a few feet behind him, using him for a shield while the others emerged. The fight was gone out of them. It was strange, he thought; they were willing to risk the danger of the *Idiot's* C-drive, but they couldn't stand being locked up with a runaway reactor. They could see death coming then. He throttled back the reactors, and prodded the men toward the storage rooms. There was only one door that suggested a lockup. He halted the prisoners in the hallway and tried the bolt.

"Not in there, manthing!" growled one of the Solarians.

"Why not?"

"There are—"

A muffled wail from within the compartment interrupted the explanation. It was the cry of a child. His hand trembled on the bolt.

"They are wild, and we are weaponless," pleaded the Solarian.

"How many are in there?"

"Four adults, three children."

Roki paused. "There's nowhere else to put you. One of you—you there—go inside, and we'll see what happens."

The man shook his head stubbornly in refusal. Roki repeated the order. Again the man refused. The predator, unarmed, was afraid of its prey. The Cophian aimed low and calmly shot him through the leg.

"Throw him inside," he ordered tonelessly.

With ill-concealed fright for their own safety, the other two lifted their screaming comrade. Roki swung open the door and caught a brief glimpse of several human shadows in the gloom. Then the Solarian was thrown through the doorway and the bolt snapped closed.

At first there was silence, then a bull-roar from some angry throat. Stamping feet—then the Solarian's shriek—and a body was

being dashed against the inside walls while several savage voices roared approval. The two remaining crewmen stood in stunned silence.

"Doesn't work so well, does it?" Roki murmured with ruthless unconcern.

After a brief search, he found a closet to lock them in, and went to relieve Daleth at the key. When the last signal came, at the end of the four hours, she was asleep from exhaustion. And curled up on the floor, she looked less like a tough little frontier urchin than a frightened bedraggled kitten. He grinned at her for a moment, then went back to inspect the damage to the briefly overloaded reactors. It was not as bad as it might have been. He worked for two hours, replacing fused focusing sections. The jets would carry them home.

The *Idiot* was left drifting in space to await the coming of a repair ship. And Daleth was not anxious to fly it back alone. Roki set the Solarian vessel on a course with a variable C-level, so that no Sol ship could track them without warp lockers. As far as Roki was concerned the job was done. He had a shipful of evidence and two live Solarians who could be forced to confirm it.

"What will they do about it?" Daleth asked as the captured ship jettied them back toward the Sixty-Star Cluster.

"Crush the Solarian race immediately."

"I thought we were supposed to keep hands-off nonhuman races?"

"We are, unless they try to exploit human beings. That is automatically an act of war. But I imagine an ultimatum will bring a surrender. They can't fight without warp lockers."

"What will happen on Earth when they do surrender?"

Roki turned to grin. "Go ask the human Earthers. Climb in their cage."

She shuddered, and murmured, "Some day—they'll be a civilized race again, won't they?"

He sobered, and stared thoughtfully at the star-lanced cosmos. "Theirs is the past, Daleth. Theirs is the glory of having founded the race of man. They sent us into space. They gave the galaxy to man—in the beginning. We would do well to let them alone."

He watched her for a moment. She had lost cockiness, temporarily.

"Stop grinning at me like that!" she snapped.

Roki went to feed the Solarian captives: canned cabbage.

BLUFF-STAINED TRANSACTION

By H. B. FYFE

AT the control desk, the slim, dark man stared intently into the screen at the swelling image of the nearby planet. His hulking partner addressed yet another grumbling remark to his back.

"You were gonna handle him! Charlie Ferris, the big diplomat!"

Something like a snarl twisted the hairline mustache on the lean man's hard face. He turned impatiently.

"But he had the goods on us!" he exploded. "They don't call it the Bureau of Slick Tricks for nothin'. You know very well, Gerry, we're lucky he let us keep the ship to work out the debt!"

"Which *he* got us into."

"Maybe so," shrugged Ferris. "You wanna go to court about it? An' anyway, after all the talk, I didn't see Fuller gettin' his jaw socked. Why shovel it all off on me?"

"I got a good mind to drop an eclipse over him when we land, if he's there," said the big man sourly.

"Don't forget the orders. We know nothin' an' nobody connected with the B. S. T. on Rerv IV. We're just Charles Ferris an' Gervase Taylor, gentlemen space travelers."

The blond man fell silent. Giving up his goading, he sat sulkily at the astrogation desk of the austere little control room and regarded his big hands. The knuckles were knobby and displayed a number of little white scars. He shook his head slowly.

"Those phony lenses!" he grunted.

"All right, all right! We got back from Kosor, didn't we?" demanded Ferris.

"With our skins, just about."

"And the ship. For a while, I didn't think we'd pry the Kosorians loose, but we've still got that. Now if things work out here, we might come out with a stake. There's generally a few credits to be picked up when something smells like this job."

Taylor did not beam with enthusiasm.

"I'd just as soon we kicked off a few light-years—credits or no credits. That slicker'll wind up skinning us again."

"Not . . . this . . . time!" promised Ferris between set teeth.

The silence held for half an hour before Ferris spoke again.

"Time to go into a landing curve," he warned.

Some hours later, the ship flared down out of a hazy sky over one pole of Rerv IV. Ferris tailed down neatly at the only spaceport of the planet, situated on the largest island, and the two men released themselves from the acceleration seats. They checked for damage and leakage as a matter of routine before preparing to leave the ship.

"You sure it's the right place?" asked Taylor.

"Maybe you saw some place else to land?" Ferris challenged. "Sure, it's the right place. Didn't they answer our request for landin' instructions?"

"Could you understand the answer?"

"Well . . . no; but if I can set down guided by some cracked jet talking through a mouthful of mush, that shows what a hot pilot I am. Besides, there ain't anywhere to land but this one ring of islands."

Taylor glanced gloomily at the sketch taped to the astrogation desk. It showed a narrow band of islands that girdled the small planet about twenty degrees from the pole. Ferris had landed on the largest, several hundred miles long, which bore a spot marked in red as a sizable town.

"So this is New Honolulu, is it?"

"You know any other cities on this planet?" demanded Ferris in exasperation. "Come on—count your teeth an' let's have a look outside!"

Out of long habit, he paused to check the exterior atmosphere, but as he had been informed, it was remarkably like that of Terra in the main. Despite the latitude, the temperature was summy.

They made their way through the air lock and presently stood side by side at the top of the ladder.

"I don't think I want my jacket," said Taylor.

He wore a draped and belted jacket of conservative green, with slacks nearly the same color tucked into high spaceman's boots. In contrast to the dapper Ferris, nothing about Taylor seemed to have been pressed. His shorter friend was gayer in a jacket of black and gold, and his sky-blue slacks were matched by the neck scarf which

the humid breeze stirred sluggishly. At infrequent intervals, a flicker of lemon yellow revealed the hue of his shirt.

"Better keep it on," he told Taylor. "No use advertising yet that we're wearing guns."

"I thought we were supposed to advertise it."

"Wait'll we see how to make the best impression," insisted the dark man. "No sense in scarin' one of these pioneer yokels an' then findin' out he don't count."

"I got a good mind to slug the first man or monster I meet?" growled Taylor. "If I close my eyes, it'll feel the same's if it was J. Gilbert Fuller!"

"You slug when an' if I tell you!" ordered Ferris, starting down the ladder. "Here comes somebody now. Let me do the talkin'!"

"You gotta be let?" grumbled Taylor, but he followed down to the ground.

This was firm—somehow the general appearance of the island had suggested mud—and was covered by rocket scarred traces of a growth not unlike seaweed. At a distance around the wide field and partly screening the low buildings visible beyond one end of it, were stunted, treelike growths with bushy branches. Taylor examined their faded, olive-green color with an expression of distaste.

He joined Ferris, who had advanced a few strides to watch a battered ground-car approaching from the direction of the buildings. As it came nearer, they could see that it was an open truck.

When the vehicle drew up before them with a squeal of brakes, Ferris twitched his shoulders slightly at the hostile looks of the four Terrans riding in it.

The four wore no jackets, and most of the colors seemed to have been bleached out of their sweat-dampened shirts. One carried a dart pistol tucked into his waistband, and the hands of the others lingered near a collection of tools like long-handled machetes. All four were deeply tanned.

"Thought you were Lrymians," said the driver, as if to explain his haste.

The beefy man beside him patted his dart pistol and grunted in disappointment.

"No room for more Terrans here either," he told them ungraciously. "Too many *tohkine* plantations now for the shipping quotas. We let in any more, the price will go down."

"Um-m-m. That the city over there?" asked Ferris, with a jerk of his head.

"That's right," replied the driver, preparing to turn his truck.

"We'll ride back with you, then," said Ferris.

The man with the dart gun took that ill.

"If you know what's good for you, you'll climb back in your star-wagon and kick off," he said. "Who asked you to come around Rerv anyway?"

"News gets around," said Ferris evenly. He used his left elbow to edge back Taylor, who showed signs of desiring a closer look at the beefy one. "We heard Rerv IV needed a little organizing."

"Are you with that slimy slicker from the B. S. T. that got here last week?" demanded the driver.

"Maybe; maybe not," parried Ferris. "What slicker?"

"That J. Whatsisname Fuller!" snarled the man beside the driver. "That one with the big talk about Terra annexing this place and controlling the *tohkine* trade. By Sol, if you're friends of his—!"

"I wouldn't say we were friends of the Bureau of Special Trading," Ferris told him.

"Well, then, get back in that space bottle and kick off! We have enough space tramps here now."

He started to get out of the truck when Ferris showed no sign of moving, and the two behind him stirred.

"Gerry!" said Ferris without raising his voice.

The beefy one jumped down, landing with feet widely spread and knees flexed to spring. Taylor moved to meet him like a tack to a magnet. To the echo of a smacking thud, the man jerked upward to the tips of his toes and flipped backward. He bounced once on his shoulders before coming inertly to rest beside the truck.

The pair about to step down crouched where they were, staring open-mouth at a Taylor who had changed in a fleeting instant from a hulking, blond lout to a big cat. The spaceman fixed them with a blue glare and stooped to pluck the dart pistol from the waistband of the unconscious man.

Ferris removed his hand from under his jacket as his partner slipped the weapon and its load of deadly, poisoned needles into a hip pocket.

"You fellows oughta be careful with those illegal guns," he commented conversationally. "I guess you *do* need organizin'. Like I say, we'll ride back with you. Throw him in back, Gerry!"

Taylor's victim had not yet revived by the time they reached the only inn possessed by the ragged looking town that passed for the Terran capital of Rerv IV. Ferris and Taylor obtained a room and sat down to piece together the information that the former had extracted from their hosts on the ride.

The hotel, a magnificent two stories in a rambling metropolis of one-storyed buildings of dun bricks and stucco, was at least relatively cool because of its thick walls. It was staffed by Rervites, quiet amphibians who seemed depressed at being ashore.

"They're what make the business go," said Ferris, rising to point out the deeply recessed window at a pair of Rervites plodding along the street below.

The natives were about four feet tall and rotund after a streamlined fashion. They were more or less bipedal—heavy tails showed below the tunics they wore. The fine, greenish scales did not show at this distance, but the mouthful of teeth displayed when one of them opened his mouth would have been visible half a light-year. The eyes set in the otherwise featureless round faces, however, were large and gentle.

"There's about a hundred Terran factors here," Ferris continued, "and very few actually go underwater to work their *tohkine* plantations."

"Dunno why Fuller is so interested in the stuff," said Taylor. "It's no use to Terrans."

"*Sssh!*" cautioned Ferris. "Don't mention his name!"

He moved cat-footed to the curtains that served as a door, and peeped into the hall. Satisfied that they were not being spied upon, he returned to the chair by the window.

"He never said," he explained, "but it's easy to figure out. *Tohkine*, or drugs taken out of it, stops colds in a whole class of nonhumans that trade on Terra. Some of them can die from a cold, and by now they've all carried the sniffles back to their own planets. With some of them, a shot of *tohkine* is like a vaccination."

"You'd think they could make synthetics," said Taylor.

"You can bet they're tryin'. Maybe they will some day; but right now, they gotta get it from underwater plantations on Rerv IV an' nowheres else. That's why these vacuums had it so good till the Lrymians tried to push in."

"They had nothing much to do, the way Fuller put it."

"That's right," agreed Ferris. "The Rervites work the plantations an' dry the weed on the beaches. But the Terrans control the export, an' you know what that means."

"Keeping the price up by shipping out just so much?"

"Sure. Now these hungry wonders from around Lryme are trying to cut in. You'd think a planet would be big enough for everybody, but maybe not. This is the only land for a base, an' the Terrans got here first."

"You think that's Fuller's angle, to chase the monsters out?"

"What else?" Ferris shrugged.

"That's his business, seein' to it that Terrans get the inside orbit on any trade through Sol. I think he got us here to start some sort of riot after we get the Terran factors organized the way he told us. Then, either we pitch the Lrymians out, or he can call for government help."

"Why can't he anyway?" asked Taylor. "Or start the riot himself, if he wants one?"

"I guess he thinks it ain't legal for a man in his position," grinned Ferris.

Taylor snorted.

"What's the matter?" Ferris prodded. "The idea of doin' something illegal bother you?"

In spite of a brief struggle with himself, Taylor had to smile.

"I'll tell you one thing, though, to tuck away in your atomic little head," he declared. "I got a theory that what would bother Fuller would make me turn white. And you, too!"

Ferris grinned and shrugged, but offered no argument.

At dusk, following the lingering afternoon of Rerv IV, they descended to the main hall of the inn for dinner. The green-scaled Rervite waiter brought them a variety of seafood which he assured them—in mushy speech barely understandable as Terran—would be acceptable to their stomachs.

Some of the dishes consisted of shellfish of exotic appearance, some resembled fish, and some caused Taylor to remark about "pickled spinach." Having visited many planets, however, the two visitors were inured to unfamiliar foods.

They were finishing with a jug of something very like wine—invented by the Terrans from a sea growth, the waiter told

them—when a distant hubbub came to their ears.

"Something popping out in the street," muttered Taylor, setting down his tapered cup. "Coming this way, too."

"Wait till it gets here," advised Ferris, pulling him down to the bench again.

They sat quietly at the rough table, watching the few other Terrans present crowd out the door. One of them exclaimed something about Lrymians.

The noise of many voices, Terran and some that were much more shrill, moved closer. Taking the jug with him in one hand and his cup in the other, Ferris drifted to the door. Taylor stepped lightly after him.

Looking out, they saw an angry Terran in the middle of the street, confronting an unhealthy-looking individual with a dull, blue-white skin who could only have been a Lrymian. From the general position of the crowd, it appeared that the gathering Terrans had blocked the passage of about a dozen Lrymians.

"Bet the snakes were chasing some Terrans up the street," muttered Taylor in his partner's ear.

Now, outnumbered two or three to one, the aliens hesitated. Ferris examined them curiously.

A foot or so taller than humans, the Lrymians were slender in a snakish way that was emphasized by the way their narrow heads were set upon curving necks two feet long. The bulging black eyes, two pointing forward and two backward, seemed too large for their heads.

At first glance, Ferris thought he saw their legs from the knee down, under the long robes they wore belted twice in the length of their skinny bodies. Then he realized that their legs were no longer than he saw, although the four tentacles of each Lrymian were equivalent in reach and setting to human arms.

The tumult was degenerating into what sounded like an outpouring of complaints and countercharges. The shouting Terran was being out-gestured four to two, but he possessed a loud bellow and the Lrymian was slow of speech. It was about even. Ferris filled his cup from the jug and sipped.

"They won't fight," grunted Taylor contemptuously.

He half-turned to go inside.

"Wait a minute!" murmured Ferris, grabbing his friend's elbow. "Look over there!"

Lounging at the rear of the Terran crowd, though obviously not a part of it, was a

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chunky man in still unfaded clothes. He was hatless in the lingering warmth of the twilight and his wavy golden hair was neatly brushed. He wore a handsome purple jacket, but was apparently "roughing it" without a neck scarf.

As his casual blue stare met Ferris' dark gaze over the heads of the crowd, he ran a finger along his blond mustache and looked away with no sign of recognition.

"Well," said Ferris, "he knows we're here. I guess working hours start now, instead of tomorrow."

He poured the last few drops of wine from his jug and nudged Taylor.

"Get out among 'em, Gerry; an' when it starts, you finish it! I'll cover in case things get serious."

He waited, sipping his wine unhurriedly, while Taylor bulled his way to the point in the crowd where the Terrans ended and the Lrymians began. Ferris took a careful look around to make sure he was unobserved.

Then he hurled the jug past his partner . . .

There were about fifty Terrans at the meeting the next morning.

Those too late to find space on the benches covered the tables of the inn hall. Ferris and Taylor lounged on chairs tilted against the Terran-styled bar at one end of the chamber, while the beefy man encountered on their arrival haranged the assemblage.

Finally, the speaker hauled out a large handkerchief, mopped his ruddy face, and gestured to Ferris. The lean spaceman rose and surveyed the faces watching him. As a result of Taylor's performance the evening before, they were uniformly friendly.

"I admit," he began, "that when I first met Ludman, we had words. But since last night, Gerry an' me have been thinkin' over what you guys are up against here."

Exclamations of satisfaction greeted the reference to the riot.

"Now," Ferris announced, "there's only one thing to do."

His audience hunched forward.

"You got to get together an' kick those snakes out before any more pile in here. It's a nice setup, but they're gonna squeeze you out if they can!"

"We know that," called a voice above the growls. "What're we going to do?"

"That's easy," Ferris retorted. "There's fifty of you here now; that'll do to start with. All we need is a little organizing. As soon as we get the rest of the Terrans on Rerv IV in, we'll have a solid front. Then let them look out!"

He talked for a few minutes more, until he felt he had solidified the reputation he and Taylor were acquiring. When the ruddy Ludman rose once more to call for a vote, the two spacemen were unanimously appointed heads of the "Terrans Protective Committee." A crude document was hastily drawn up authorizing them to act for the planters.

It developed during the next few days, however, that communications were poor among the islands. Many of the outlying planters spent part of their time undersea supervising the native Rervites working the *tohkine* beds. Some had telephone lines, but those with bases on the smaller islands could be contacted by telescreen only at intervals.

In all, about a Terran week passed while the planters gathered in New Honolulu, dribbling in by boat, by rocket, or by aircar. Ferris wore a smug look the day he roused Taylor from an afternoon nap to tell him he had finally slipped into the building where Fuller had set up an office.

"Good," approved the other. "I was wondering when we'd get some definite orders. What's he want?"

"He says he'll let us know pretty soon."

"I hope so," grunted Taylor. "It ain't so easy to keep these guys from charging over to the Lrymian settlement and startin' a massacre. I had to pop one of them yesterday to shut him up."

"I know, I know," said Ferris. A shadow flickered in his dark eyes. "I hope that slicker hasn't got any ideas about slippin' the jets an' leavin' us to explain all his talk about inspectin' Rerv IV for possible annexation."

"Aw . . . I don't think so," said Taylor slowly. "What's there in it for him that way?"

"I dunno. He wouldn't likely tell me, would he? Not *him*!"

"Didn't he say anything?"

"Well," explained Ferris, "he had this message from the Lrymians, he said. Seems they heard about his big inspection tour, an' they don't like the chances of the planet bein' taken over by Terra any more'n the planters do."

"Taxes," commented Taylor succinctly.

"Right. The way things are now, the B. S. T. gets the *tohkine* shipped to Terra duty-free because it makes so much difference in other deals. Anyway, Fuller wanted me to go see this Zrok-Tu that heads the Lrymians."

Taylor sat up straight on the hard bed.

"You ain't going?" he exclaimed.

Ferris grinned, and continued in a lower voice.

"I've already been!"

He moved lithely to the curtained doorway and satisfied himself that they were alone.

"What's the idea," whispered Taylor fiercely, when the other had returned to perch upon the foot of the bed. "If that mob hears about this—!"

"Nobody saw me," Ferris reassured him. "I came in the other side of town and walked between the Rervito houses to the inn. Gerry, I think we have both ends of the jet plugged!"

"Yeah?" Taylor was sceptical.

"Yeah! Before I left, I let the Lrymians talk me into makin' a deal. They're willin' to co-operate to stay on Rerv IV."

Taylor pursed his lips, considering.

"We might work something," insisted Ferris. "I harped on the chance of the Terran government steppin' in, so Zrok-Tu promised not to start anythin' till he hears from me."

"You got promises the Terrans won't start it?" asked Taylor doubtfully.

"We got control, 'specially since we got them all to turn in their guns for safe-keepin' at the ship. They all know each other from 'way back, so naturally none of them lets the others tell him anythin'. That's why we're in charge—nobody has any old grudges against us outsiders."

Taylor leaned back with hands clasped behind his head.

"I like to hear you figure the angles," he said. "Now, tell me why the Lrymians don't just send for help, too. Lryme is only a few light-years from here."

"I found that out, too," grinned Ferris. "Fuller wouldn't tell me, but Zrok-Tu did. The slicker has three Terran space cruisers in an orbit around Rerv IV."

He nodded at Taylor's exclamation, and continued.

"The Lrymians are about numb for fear the annexation will go through an' they'll get sent back to Lryme without doin' what they were sent for. They must have a cheerful kind of planetary government; they're all shimmeyin' to the tips of their tentacles!"

"Well, that's a relief," sighed Taylor. "Maybe Fuller can figure out some place for them to escape to."

He lay back after Ferris bounced out jauntily in search of lunch. The heat of

early afternoon on Rerv IV encouraged the siesta habit.

Taylor thought of the sea that covered almost all the planet. From the Rervites he had found time to speak with, he knew something of the general topography; and he could easily understand why most of the plantations were on the inner or polar side of the island ring. This was well populated by the odd but respectably advanced Rervite civilization. The few plantations on the comparatively narrow shelf to the outside, on the other hand, were subject to raids by the voracious sea life that roamed the deeper waters.

Just the same, thought Taylor, I bet it'd be nice on a day like this to put on a space-suit and go under for a few hours. Hunting with those bone spears they showed me could be sport.

Hurried footsteps in the hall roused him from his reverie. Rolling silently to his feet, he hitched his shoulder holster into perfect position. For a moment, he considered slipping on the jacket that lay on the chair beside the bed.

The curtain was swept aside and three Terrans strode angrily in. Ludman, in the lead, slowed at the sight of Taylor and peered about suspiciously.

"Ferris here?"

"No," answered Taylor, thinking swiftly and trying to keep the effort from showing in his expression. *They're onto him, he thought. I knew he shouldn'a gone!*

"Ain't seen him since morning," he added.

Ludman turned to the other pair. One of them, a lean, bony-faced man with lank hair, said, "He could be lying."

Their beefy leader looked doubtfully from him to Taylor, but remembered his grudging respect for the latter.

"Maybe not," he said. "Listen, Taylor, did you know your partner went out to the Lrymian settlement this noon?"

Taylor looked shocked.

"What would he do that for? What happened?" he asked.

"That's what we want to know," growled Ludman. "Would he sell out?"

"Sell out?" echoed Taylor in horrified tones.

Ludman looked at him pityingly.

"We better find Ferris," he told the others. "Looks like he crossed his partner, too."

Taylor picked up his jacket and donned it to hide the dart pistol, striving desperately to think of some diversion. As he turned

back to the delegation, they all stiffened to the sound of running footsteps in the corridor.

A second later, a ginger-haired Terran with splotchy freckles thrust his head through the curtains. Seeing the other planters, he was emboldened to enter.

"He's down in the hall right now, eating!" he panted. "One of the Rervites outside the hall told me he just came back."

The four looked at each other, then at Taylor, who suppressed a sigh of relief at the Rervite's ignorance of Ferris' trip upstairs.

"All right, Tim," Ludman began, turning to the bony-faced man, "you cover the back door and—"

Taylor interrupted before the strategy could become too elaborate. "I want to see him face to face right away! You fellows got guns?"

Ludman looked aggrieved.

"You guys made us turn them in so's there wouldn't be any premature accidents."

"Well, I've got mine," said Taylor. As an afterthought, he added, "Even if Ferris is a lot faster than me!"

The thing to do, he thought as they tramped down the stairs, is let him know right off that they're wise to him. That way, maybe he can get out without queering the whole deal.

Accordingly, he stamped over to the door of the dining hall in a fashion he knew would alert Ferris. He saw the latter rising from his table with one hand adjusting his neck scarf.

"The boys tell me you've been making friends with the snakes!" Taylor challenged loudly. "What's the idea? Why didn't you let me in on it?"

Ferris stared at him intently, and the big man saw the understanding dawn rapidly in the dark eyes. The planters crowding behind him must have made the situation only too clear.

"None of your business, sucker!" Ferris snarled as he whipped out his dart pistol.

Taylor dropped to the floor, tossing the planters aside with a mighty outward thrust of his arms. He heard them thudding down beside him as the string of needles went *pok-pok-pok-pok* through the woven cane jamb that decorated the doorway.

He looked up and saw that the holes were a good two feet above him; and it was with an effort that he suppressed a grin.

"Let's rush him!" grunted the man called Tim.

Taylor kicked his feet from under him as he started to rise and reached under his jacket for his own pistol.

"Stay down; he'll kill you!" he warned.

When he thought Ferris' pattering footsteps must have reached the rear doorway, he raised himself on one elbow and shot at the wall beside it. As the gun vibrated in his hand, he saw the curtain drop loosely over the exit, so he shifted his aim to make a few holes for show.

The group rose as one and scrambled past tables and benches to the alley exit. There, however, Taylor restrained them.

"Careful how you stick your head out there!" he warned.

Ludman dropped the curtain abruptly.

"But we can't just let him get away!" he complained.

"Why not?" demanded Taylor, scowling like one betrayed. "Let him go over to the snakes! We still control all the force—if we can get out to my ship in time!"

It took perhaps three seconds for the implication to sink in, whereupon Taylor was swept out the front entrance of the inn with the rush. In response to Ludman's bawled commands, a light truck was procured in a matter of a minute and they piled in. The freckled planter drove, Taylor clung to the seat beside him, and the other three bumped around in the back.

Now I gotta think quick of a reason for not handing out the guns! Taylor told himself as the ship came into view.

When they slithered to a halt beneath its ladder, however, he discovered that he had been relieved of that problem. The bland features of agent Fuller peered down from the open port. Over the B. S. T. man's shoulder gleamed the big teeth and eyes of a pair of Rervites.

"I thought you gentlemen might possibly be along," remarked Fuller. "That is why I decided to impound this rocket and its collection of weapons."

He's not ready for the showdown, then, thought Taylor.

As he watched Fuller narrowly for some kind of hint, a nudge from behind reminded him that he must make a showing.

"You can't do that!" he retorted, feeling asinine but unable to produce any better comment in view of his relations with Fuller.

To carry the bluff through, he reached for his dart pistol, being carefully obvious about it. To his relief, Fuller moved before the weapon cleared Taylor's jacket.

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"Well . . . no!"

"All right. Now, I found out why no ships have been coming in lately. The Lrymians told Ferris that Fuller has a bunch of Terran space cruisers stopping them a couple of million miles out."

A mutter ran through the crowd. Taylor caught several references to "annexation," uniformly followed by curses. He called for silence.

"Look—suppose he really can do it," he asked, "what are your holdings worth? At the worst, we oughta make him pay something. He might; it won't be legal otherwise."

"Whoever heard of the B. S. T. bein' legal?" demanded Ludman. "What we oughta do . . . well, maybe you're right, Taylor. He's got us cut off here, it looks like."

In the end, Taylor got behind the wheel of the truck, picked up Ferris, and drove out to their ship.

Fuller grinned blandly down at them as they approached.

"Stay there," he said genially. "I'll come down."

Leaving his weapon with the Rervites at the top of the ladder, he descended. On the ground, he surveyed their wary expressions.

"We're out here to bargain for both sides," Ferris told him.

"Glad you had the idea of getting together," replied Fuller. "I feared that perhaps that shooting you two did was in earnest."

"Naw, I had time to tell him where I went," Ferris said.

"Excellent!" beamed Fuller. "And when they chased you out, you *did* hire out to the Lrymians, as was reported to me?"

"Yeah, we have both sides tied up," Ferris confirmed.

Fuller smiled broadly.

"Just the sort of initiative I expected," he said. "Now, I'll tell you what the Bureau is offering—"

Three days later, he stood with them in almost the same spot in the shade of their rocket, watching the last of the planters' freighters preparing to leave with a Terran cruiser. Taylor heard his name called, and saw that one of the stragglers had set down his personal baggage on the way to the ship. It was Ludman, so he walked over.

"Look, Taylor," muttered the beefy planter, displaying his new contract, "you sure I don't owe you anything on this?"

"Naw, I told you—I got a slice off the top. Everybody satisfied with the prices?"

"Sure are!" answered Ludman. "More apiece than we'd make in twenty years. You an' Ferris musta thrown *some* bluff to keep us from bein' annexed for nothing. I don't see how that B. S. T. stays out of the red!"

"They'll nail somebody else to make it up," Taylor reassured him. "We were lucky. When I found out how well Fuller had the Rervites organized, I nearly dropped."

"Wish I knew what he offered *them*," mused Ludman. "Well, it all came out O.K. You coming with us to Terra?"

"No, Ferris and I patched things up. Fuller's letting us kick off in our own ship when you and the Lrymians are gone. They were scared to go back to Lryme II, so Fuller's sending them to Terra on that cruiser."

He shook hands with a straight face and rejoined the others.

"There *is* one thing I don't see," he remarked to Fuller as the rockets began closing their ports. "How could the Bureau afford to pay so high for those plantations?"

"It will not take as long to get it back as you may think," said Fuller. "The Rervites on their own will operate at full production instead of having the export controlled by that little cartel that was giving Terra a bad name. A small customs duty will repay the Bureau in a few years. Then, of course, we shall have to arrange for space freighters—the Rervites have no rockets of their own."

Taylor saw the gleam in Ferris' eye and was content that the hint had been caught. He went on to satisfy his curiosity.

"But why should the B. S. T. take the risk? You say you're turning the plantations over to the Rervites without keeping any control."

Fuller smiled and fingered his mustache.

"They *are* the rightful owners, so it seemed only fair to dispose of *both* invading factions. Besides, the Bureau does not care to control such things completely, as long as we retain a share of influence and . . . ah . . . good will."

"I see," said Taylor.

"Until now," concluded Fuller, "the high price of *tohkine* has been making many out-system traders unhappy during their visits to Terra. The duty of the Bureau is to keep them happy, even at the expense of a minor, somewhat dishonest crusade now and then."